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# A FEW HINTS *on* GARDENING

APR 12 1916

Commercial and Systematic Botany



1912

SEEDS-BULBS  
INSECTICIDES  
PLANTS

ETC. -

By

MORRIS & SNOW SEED CO.

425 S. MAIN ST.

INCORPORATED

LOS ANGELES CAL.



# A Few Words About Quality in Seed

## Blood Will Tell in Seeds as Well as Animals

It is not enough to know that seeds grow, for weed seeds will grow! The vital point is, What will they produce? This is a matter that is too seldom taken into consideration by the average buyer, many of whom are more interested in hunting for the lowest in price, while progressive farmers and gardeners appreciate that "blood will tell" in seeds as well as in animals, and realizing that their crops depend upon the seeds they plant, avoid "cheap" seeds as being poor economy, knowing that superior seeds produce superior and more profitable crops.

While we do not wish to appear egotistical, yet in justice to ourselves and our seeds, and for the benefit of people who have never dealt with us, we claim to be the producers and distributors of the best seeds in the world—it is our business and our profession. We know that planters of seeds buy them entirely on confidence; we realize that to lose a man's confidence is to lose his patronage. If you have never used our seeds, try them this year, and we will try and retain your confidence, as we have succeeded in doing with other critical seed buyers for years.

## SPECIALTIES IN SEED

Our Special Strains of Seed signifies the very highest standard of excellence—and our name attached to any variety further signifies our Special Pedigreed Strains. To the planter nothing is more important than quality and fertility in the seed they use—and in this connection it may be interesting to know that the seed tests carried on by the U. S. Dept. of Agriculture it was found that the California grown seed possessed more vitality and stronger constitutional qualities than seed produced in colder regions. For these reasons California is furnishing the bulk of vegetable seed used in the United States.

## SPECIALTIES IN BEANS

We respectively call your attention to the new beans listed on Page —. These Beans are just as represented—and anyone planting Limas as a crop should consider their merits. And for your own table—if quality and productiveness is what you want—you should try them.

## OUR ORDER SHEET ATTACHED ELSEWHERE

is worth 25c to every purchased of \$1.00 worth of seed (conditions found on same). By using this order sheet you will confer a favor on us.

## OUR BULB CATALOG

And Cultural Directions for California will be mailed on request to any one interested. This is ready about August 1st of each year. These Cultural Directions are specially prepared for California and is worth much to you if you wish to succeed with bulbs. Send for it—free.

## OUR NURSERY DEPARTMENT

in which we will carry a complete line of all varieties of nursery stock, including fruit trees, berry plants, ornamental plants, etc. We have had over twenty-five years' experience, which includes both local trade and foreign export orders. We know how this class of stock should be handled, and can assure you of being able to supply you with the best, and have it packed so that it will arrive in good order. We solicit your orders, or ask you to submit list of your wants for quotations. We feel sure we can fill your orders most satisfactorily.

## GUARANTEE

We do not warrant in any way, express or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and must return them at once, and money will be refunded. Subject to above conditions we make all sales, at the moderate price at which we sell our goods.

## GARDENING IN CALIFORNIA

The following pages are intended to make gardening, both ornamental and vegetable, more clear. In Southern California, where climatic conditions are such that by proper understanding one can make "two blades of grass grow where only one grew before" but one must study those conditions necessary to bring this about. It is plain and simple. The science of Farming and Gardening is a hidden secret to the multitudes and we have tried in these pages to give as much concise information as is possible in such short space. We have given cultural directions over each important variety or species, and by carefully studying these directions one can soon become an expert—as far as "producing" is concerned. But it is necessary to do a little thinking on your own account so as to apply this information to advantage, and any thoughtful person should be able to apply these suggestions.

The pleasure to be derived in the cultivation of vegetables, plants and flowers is only known in its fullest extent by those who have watched every day's mysterious growth from the tiny seed leaf to the grand display of the full developed plant. To all such there must come now and again, spite of good seed and careful management, unaccountable failure and disappointment. Experienced gardeners sometimes fail and try again with the same seed and succeed, so do not be disheartened by an occasional failure. Unfavorable seasons, insect enemies, and a host of adverse circumstances have to be contended with, but these are but the background to the picture—the little difficulties of attainment which make the eventual success so sweet. In rearing plants from seed, not care only, but knowledge is required—knowledge of the cultural requirements of the different classes of flowers—the Annuals, the Biennials, the Perennials, and the tender Greenhouse flowers. A careful perusal of the cultural directions, which are

based on the practical experience of growers, will be of advantage to inexperienced florists or gardeners.

## NOVELTIES IN SEEDS

During the last year we have made every endeavor to secure for our patrons very select strains of many of the Melons, Lettuce, Radish and other Vegetable Seed, as well as improve our already good strains of fancy flower seed.

In the melons we can especially recommend as extra select stock, our carefully saved seed of Chilian water melon; Casaba, Rockyford and Tip-Top musk melons and our strains of Burrell's Gem Cantaloupes; Scarlet Globe, Scarlet Turnip and Scarlet Turnip White Tip Radishes; extra select Arlington and Excelsior White Spine, and our Chicago Pickling Cucumbers. On our lettuce we wish also to call special attention to our select stock of New York Cabbage Head Lettuce, also Iceberg (Select) and Wonderful, all very fine Cabbage Heading Varieties. The latter two are extra fine for home garden. Our special stock of Detroit Blood Beet has also been a winner on the market. Our select stock of Onions—in several varieties. Testing out over 95% germination and good quality.

In flower seed we wish to again mention our excellent strains of Asters, Centaureas, Stocks, Pansies, Margaret Carnations, and our complete collection of new Giant Orchid flowered, Christmas and Cupid Sweet Peas. Our very large business with the florist and private gardeners on these items gives us great encouragement in striving to obtain the very best.

## CUSTOMERS PLEASE NOTE

We endeavor to fill all orders the same day as received but in the height of the Spring Season this is an impossibility. Our customers would oblige us by sending their orders as early in the season as possible, thereby minimising any risk of delay; if not wanted at date of sending order, we would retain the Seeds until actually required.



# Coupon Order Sheet

For Seeds, Plants, Bulbs, Etc.

MORRIS & SNOW SEED CO., 425 So. Main St., Los Angeles, Calif.

Please send the following goods as per address and instructions herewith,  
and for which find enclosed \$.....

To (Name) .....

City.....Street or Rural Route.....

State ..... Express Office .....

R. R. Station..... Date.....

State your preference by Post, Express or Freight.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

MORRIS &amp; SNOW SEED CO.

**Coupon  
Worth 25 Cents**

We will accept this coupon order as 25c if received by us before July 30, 1912, toward payment of any order for Seeds, Bulbs, or Plants amounting to not less than \$1.00 remitted. Selected from our catalog, "HINTS ON GARDENING." The difference between the value of the coupon (25c) and the total amount of order to be remitted in cash, money order or stamps.

N. B.—This Coupon will not be honored for any sum less than \$1.00 remitted.

(Do not detach from order).

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Use only for order. CORRESPONDENCE should be on SEPARATE SHEET.



## SPECIALTIES IN ASTERS

We wish again to call attention to our list of Asters on Page 24. We are making this grand flower one of our specialties, and do not hesitate to state that we carry the **choicest varieties and classes** to be found anywhere. Our special strains of these are unsurpassed. The past season flowers

produced from the Mikado, Comet, Crego and Late or Tall Branching were the finest ever exhibited in California. These in different forms producing their giant flowers from July till late in the fall, make it one of the grandest flowers grown. Every lover of flowers should try them.

less belt for August planting this has become the most popular variety grown. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

## New Stringless Bean

**Stirngless Refugee Bean**—This is one of the hardy varieties, perfectly stringless, a good producer and of high merit. See full description in catalogue under beans. We cannot say too much in its favor as an early variety or for general crops.

## NOVELTIES IN FLOWERS

**Helenium Pumilum Magnificum**—A fine perennial for bedding and cutting, perfectly hardy, blooms first year from seed. Pkt., 10c.

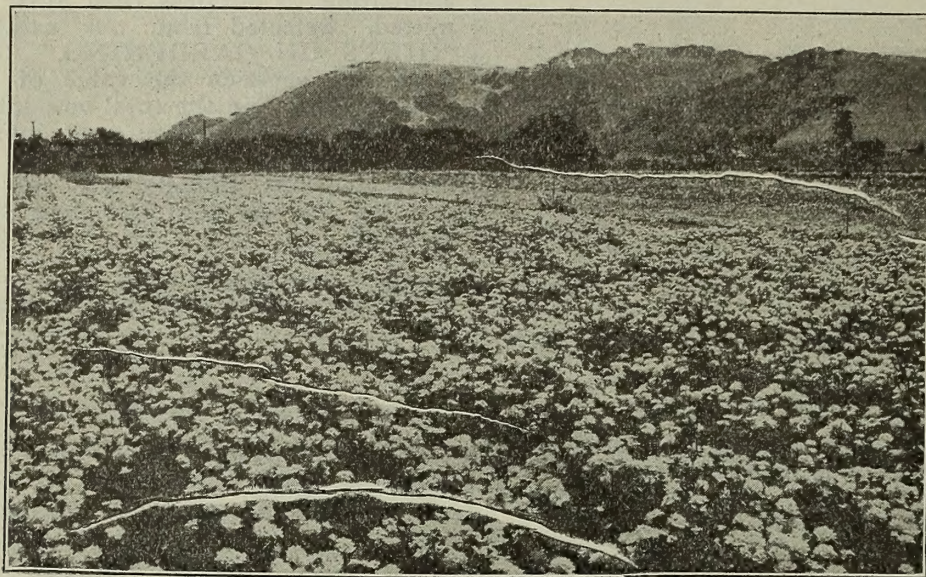
**Calliopsis Bicolor.** Dwarf. (New.)  
Seldom grows over 8 inches high;  
a little pigma in habits and a great  
bedding or border plant. Pkt. 10c.

**Calliopsis Bicolor, Marmorata.** Tall, yellow with dark brown center, large flower; a fine variety. Pkt. 5c; oz. 20c.

**Gaillardia Pieta Lorenziana.** Double, finest mixture, excellent for cutting. Pkt. 5c; ½ oz. 20c.

**Dimorphotheca Aurantiaca**—The New African "Golden-Orange" Daisy. This rare and extremely showy annual has become a great favorite everywhere on account of its very easy culture and most beautiful flowers—which are of a lovely deep orange yellow. Its growth is close and compact of about twelve to fifteen inches high and quite spreading, making a good border plant—or for groups. Special coupon offer. Pkt. 10c, 3 for 25c.

**Dimorphothecca Aurantiaca—New Hybrids**—New selected Hybrids in splendid mixture—coming in all colors from deep yellow, through creams to pure white and brilliant reds. Pkt. 25c.



### Field of Asters Grown for Seed

## SOME SPECIALTIES AND NOVELTIES OF MERIT

## LETTUCE

## New York Special Select

If you have had trouble with your lettuce not heading as you think it should, we solicit your order for this superb cabbage heading variety, which is the finest hard heading variety we list for winter use. We are headquarters on this special strain and first brought it to the attention of our customers. Today it is the most popular variety on the market. Car

loads are shipped weekly to San Francisco and outside markets by our customers. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.75.

## TOMATO—EARLIANA

## Special Early Strain

This Tomato has become very popular as an extra early variety, producing ripe fruits before others set any fruit at all. For very early spring planting or in favored frost-

We would appreciate a list of your neighbors interested in good seeds. Please be kind enough to fill in a few names of such below; be sure and have full name and address.

[illegible]



## A WORD ABOUT SOILS

In California we have a great variety of soils. This with a variation in climate makes farming and gardening in California a continual study and experiment. By following closely the general directions given at the head of each division throughout this catalogue under "Cultural Directions," you can look for satisfactory results from your planting.

Soils can be divided into various classes and designated by special terms. Sandy, Loamy and Clay Soils. Sandy soils are 75 per cent and over of pure sand; Loamy soils 50 per cent sand; Clay soils less than 25 per cent sand. In sand there is practically no available plant food, but when thoroughly mixed with clay and humus a most desirable soil, a sandy loam is formed. Clay soils are full of plant food, but being so compact it does not give the roots a chance to take it up. By adding sand it breaks up the clay and makes the plant food available, and by adding leaf mold humus it makes the soil light, allowing air spaces, thus keeping the soil sweet as well.

Never work your soil when it is muddy (saturated with water), wait until, when you dig it up it will pulverize when you strike it with the back of your shovel. Dig or plow the soil deep. Harrow well in field culture or rake in garden culture as soon as possible. This packs the ground and makes a fine mulch, a it were, to hold the moisture.

In sowing your seed get them into moist soil—scrape the top inch or two of dry soil away if necessary—and cover the seed about four times its diameter with damp soil; press the soil gently, then pull some of the dry top soil over it to act as a mulch. With this treatment the seed will sprout and the plant will get well out of the ground before any water need be applied.

Sometimes the soil is too dry to permit complete germination. If water is required do not sprinkle, but rather run a small furrow beside each row and let the water run slowly through the furrow.

After a couple of days work up the soil with a fine toothed cultivator. This puts the moisture where it belongs and keeps your soil in the best condition. Throughout the whole year this method of wetting the plants is thoroughly recommended although during the cooler months sprinkling may be indulged in.

## CHEAP SEED

We do not aim to make cheap prices but to meet the requirements of the critical trade—according to our standard of quality. We pay all our growers an extra price for their best—and exact critical roguing of all varieties—both in flower and vegetable seeds. Our endeavors have been rewarded in many instances. As with Sweet Peas—as an example: The quality of our special varieties was soon appreciated, we believe last fall we sold 75 to 90 per cent of the seed sold to the florist or cut flower growers. We have dozens of complimentary testimonials concerning the purity of our seed. It was the only Sweet Pea on the market at Christmas time this past season, proving more hardy than other varieties growing at its side. This was our winter flowering variety, "Earliest Pure Pink"—of which we had absolute control. We have had equally good results with many varieties of flower and vegetable seed—Our Special Strains of Cucumber and Melon seed, Pansies and Stocks, etc.

## GARDENERS

We will at all times keep a register of all gardeners and will be pleased to supply our customers with such help without cost. Kindly state in your application what will be required and about what wages you pay; all such information held confidential.

## Number Plants in Length from 1 to 100 ft.

Useful for planting hedges, windbreaks, shade trees, etc.

Distance Apart	No. per mile	Distance Apart	No. per mile	Distance Apart	No. per mile
1 foot.....	5,280	10 feet.....	528	60 feet.....	88
2 feet.....	2,640	15 feet.....	352	65 feet.....	81
3 feet.....	1,760	20 feet.....	264	70 feet.....	75
4 feet.....	1,320	25 feet.....	211	75 feet.....	70
5 feet.....	1,056	30 feet.....	176	80 feet.....	66
6 feet.....	880	40 feet.....	132	85 feet.....	62
7 feet.....	754	45 feet.....	117	90 feet.....	58
8 feet.....	660	50 feet.....	105	95 feet.....	55
9 feet.....	586	55 feet.....	96	100 feet.....	52

## Plants to an Acre at Regular Distances Apart

Distance Apart	No. per acre	Distance Apart	No. per acre	Distance Apart	No. per acre
3 by 4 inches....	522,720	4½ by 4½ feet....	2,150	14 feet by 14 feet....	222
4 by 4 inches....	392,040	5 feet by 1 foot....	8,712	15 feet by 15 feet....	193
6 by 6 inches....	174,240	5 feet by 2 feet....	4,356	16 feet by 16 feet....	170
1 foot by 1 foot..	43,560	5 feet by 3 feet....	2,904	16½ by 16½ feet....	160
1½ by 1½ feet..	19,360	5 feet by 4 feet....	2,178	17 feet by 17 feet....	150
2 feet by 1 foot..	21,780	5 feet by 5 feet....	1,742	18 feet by 18 feet....	134
2 feet by 2 feet..	10,890	5½ by 5½ feet....	1,440	19 feet by 19 feet....	120
2½ by 2½ feet..	6,960	6 feet by 6 feet....	1,200	20 feet by 20 feet....	108
3 feet by 1 foot..	14,520	6½ by 6½ feet....	1,031	25 feet by 25 feet....	69
3 feet by 2 feet..	7,260	7 feet by 7 feet....	888	30 feet by 30 feet....	48
3 feet by 3 feet..	4,840	8 feet by 8 feet....	680	33 feet by 33 feet....	40
3½ by 3½ feet..	3,555	9 feet by 9 feet....	537	40 feet by 40 feet....	27
4 feet by 1 foot..	10,890	10 feet by 10 feet..	435	50 feet by 50 feet....	17
4 feet by 2 feet..	5,445	11 feet by 11 feet..	360	60 feet by 60 feet....	12
4 feet by 3 feet..	3,630	12 feet by 12 feet..	302	66 feet by 66 feet....	10
4 feet by 4 feet..	2,722	13 feet by 13 feet..	257		

Rule—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be number of square feet for each plant or hill, which divided into the number of square feet (43,560) will give the number of plants to the acre.

## Seed Required to Sow One Acre of Ground

	Lbs. to the acre		Lbs. to the acre
Alfalfa .....	25	Grass, Orchard .....	40
Asparagus .....	4	Grass, Italian Rye .....	30
Barley—broadcast .....	100	Grass, Red Top .....	30
Beans, Dwarf or Bush—hills .....	40	Grass, Timothy .....	20
Beans, Dwarf or Bush—drills .....	80	Leek .....	4
Beans, Tall or Pole—hills.....	35	Lettuce .....	4
Beet, Garden .....	6 to 8	Millet .....	40
Beet, Sugar .....	6 to 8	Hemp—broadcast .....	40 to 50
Beet, Mangel Wurzel .....	6 to 8	Melon, Water—hills .....	2 to 3
Broom Corn—drills .....	12	Melon, Musk—hills .....	2
Buckwheat—broadcast .....	45	Oats—broadcast .....	80
Cabbage—in beds to cover an acre after transplanting.. ¼ to ½		Onions, for Dry Bulbs—drills ...	4
Carrot—drills .....	3	Okra .....	5
Cauliflower (same as cabbage) ..... ¼ to ½		Onions, for Bottom Sets .....	75
Celery .....	¼	Onion Sets .....	400 to 600
Clover—White, alone—for lawn..	100	Parsnip—drills .....	5
Corn, Sweet or Field—hills .....	15	Parsley .....	4
Corn, to cut green for fodder— drills or broadcast .....	125	Peas—drills .....	50 to 60
Cucumber—hills .....	1 to 2	Peas, broadcast .....	150
Egyptian Corn .....	15	Peanuts .....	30 to 40
Egg Plant .....	¾	Potatoes—hills .....	500 to 600
Endive .....	3	Pumpkin—hills .....	3
Flax (when wanted for seed)..	30	Radish—drills .....	12
Flax (when wanted for fibre)..	50	Rye—broadcast .....	100
Grass, Bermuda .....	10	Spinach—drills .....	12
Grass Kentucky Blue (for pas- ture) .....	50	Salsify .....	10
Grass Kentucky Blue (for lawn) .....	250	Squash, Bush Varieties—hills....	4
Grass, Perennial or Australian Rye (for meadow) .....	40	Squash, Running Varieties—hills	3
Grass, Perennial or Australian Rye (for lawn) .....	200	Tomato—in beds to transplant..	¼
		Turnip and Rutabaga—drills....	2
		Turnip and Rutabaga—broadcast .....	3 to 4
		Vetches—broadcast .....	100
		Wheat—broadcast .....	100
		Wheat—drills .....	75

## Sowing Table for the Garden

Artichoke .....	1 oz. to 500 plants	Lettuce .....	1 oz. to 5000 plants
Asparagus .....	1 oz. to 60 ft. of drill, 500 plants	Melon, Water .....	1 oz. to 30 hills
Beans, Dwarf 1 lb. to 50 ft. of drill		Melon, Musk .....	1 oz. to 100 hills
Beans, Tall .....	1 lb. to 75 hills	Okra .....	1 oz. to 50 ft. of drill
Beet .....	1 oz. to 50 ft. of drill	Onion Seed .....	1 oz. to 100 ft. of drill
Broccoli .....	1 oz. to 2000 plants	Onion, Top Sets 1 lb. to 60 ft. of row	
Brussels Sprouts 1 oz. to 2000 plants		Onion, Bottom Sets 1 lb. to 75 ft. row	
Cabbage .....	1 oz. to 2000 plants	Parsnip .....	1 lb. to 100 ft. of drill
Carrot .....	1 oz. to 150 ft. of drill	Peas .....	1 lb. to 50 ft. of drill
Cauliflower .....	1 oz. to 2000 plants	Pepper .....	1 oz. to 1000 plants
Celery .....	1 oz. to 5000 plants	Pumpkin .....	1 oz. to 25 hills
Chicory .....	1 oz. to 100 ft. of drill	Radish .....	1 oz. to 50 ft. of drill
Corn .....	1 lb. to 150 hills	Salsify .....	1 oz. to 50 ft. of drill
Cress .....	1 oz. to 100 ft. of drill	Sage .....	1 oz. to 100 ft. of drill
Cucumber .....	1 oz. to 100 hills	Spinach .....	1 oz. to 50 ft. of drill
Egg Plant .....	1 oz. to 2000 plants	Squash, Early .....	1 oz. to 50 hills
Endive .....	1 oz. to 3000 plants	Squash, Winter .....	1 oz. to 15 hills
Kale .....	1 oz. to 2000 plants	Tomato .....	1 oz. to 3000 plants
Kohl Rabi .....	1 oz. to 2000 plants	Tobacco .....	1 oz. to 10,000 plants
Leek .....	1 oz. to 100 ft. of drill	Turnip, Early .....	1 oz. to 75 ft. of drill
		Turnip, Rutabaga 1 oz to 100 ft. drill	



# Calendar of Planting Operations

## JANUARY

**Flower Garden.** If possible before spading have a good thick dressing of stable manure applied and spaded under. See to the sweet peas that were planted in September and October. Carefully hoe them and hill up a little. Prepare hot bed for planting half hardy plant seed, plants and cuttings. Make another planting of sweet peas and all hardy annuals.

**Vegetables.** Prepare your hot bed and plant Tomato, Egg Plant, Sweet Potatoes, Chili Peppers, etc. Top dress all beds not yet spaded with a good dressing of stable manure. Plant Lettuce, Radish, Beets, Cabbage, Cauliflower, Broccoli, Kale and Endive, and for very early Celery. Also Cucumbers for early market should be planted in frames, of course protected by cloth covering and over hot bed heat. We have testimonials, of our old customers, who have made as high as \$2750 off one-half acre of covered beds, during the months of January to June inclusive. These fortunate ones use a special variety of cucumber which is only handled by us in this city.

## FEBRUARY

**Flower Garden.** This is really our spring month. Plant nearly everything in hardy annuals and perennials. Thoroughly work up the surface of soil after each rain, and keep it mellow, which will hasten the growth. Plant our Gladiolus and Tuberose, Yellow Callas, Anemones, Ranunculus and Japanese Lilies, Iris, etc. Plant Sweet Peas for late flowering, all the varieties of annuals and Perennial Poppies. Look after all Carnations and if over two years old should be replaced with young plants. Carnations can be planted any time of year, but this is a good time for planting to get strong plants for fall and winter blooming.

**Vegetables.** Plant Lettuce, Radish, Peas, Cabbage (Asparagus in beds), Turnips, Carrots, Beets, Spinach, Swiss Chard, also Potatoes in favored places—put out more Sweet Potatoes, or see that your earlier plantings are not rotting. (Sweet Potatoes of course should be covered in hot beds during bad or cold weather) Plant some more Tomatoes, such as Earliana, Jewel and June Pink, or any early varieties wanted, and keep protected during bad weather. Give all the sunshine possible, so they will make strong growth.

## MARCH

**Flower Garden.** Plant Gladiolus and Tuberose, Begonias (Tuberous rooted) for succession. This is the best garden month in the year for California, and all kinds of work is in order. Also weeds make big growth this month. Look out and keep them out of garden. Plant Antirrhinum Intermediate Stocks. (This Stock if planted now will bloom in September and October when flowers are scarce. You can successfully plant nearly everything in the flower, shrub and tree seed line; nearly all danger of frost is past by the 15th of this month, and all work should be carefully pursued and secure all the help needed to do it up promptly, as a little neglected this month may mean considerable loss later. Plant Roses and all hardy bush stuff. Be sure and try our Giant Comet Aster—best that money will buy.

**Vegetables.** As in the flower garden, this is the big month for gardening. All vegetables should now be planted for early crops. Transplant your Tomatoes to the field if large enough also Sweet Potatoes, Cabbage and Early Chilis—the latter should be carefully watched against frost. Also have a few Squash (Early bush) planted and cover at night. Also a

little corn—Peep-a-Day is the best for earliest. Follow a few days later with Early Golden Bantam and Early Heath. Prepare and plant Celery.

## APRIL

**Flower Garden.** Renew your hanging baskets that have not stood the winter well, by getting new ones, those injured by the cold should be discarded. You can now plant Dahlias, also Gladiolus. If your supply of Aster plants is short there is yet lots of time to get them in flower. Use our Branching for late, Comets for medium season, and Dwarf for early flowering. Our Asters are fine.

**Vegetables.** Plant out your Sweet Potato plants, Tomatoes, Cabbage, Cauliflower, Chilies, etc., watering a little if weather is hot and dry. Plant good quantities of Beans. Consult special Bean information under Beans for special purposes. Sow Celery, Tomatoes, Chili and Egg Plant for late crop. Be sure and try our strain of Anaheim Chili; also Chinese Giants "Special Select"—the largest Pepper ever grown. Plant your main crop Cucumbers for pickles. For table use try our Excelsior White Spine, the best strain in this country.

## MAY

**Flower Garden.** If you have been following our advice, you now have great quantities of flowers, but for fall-flowering sow Nasturtiums, Phlox, Salpiglossis, Centaurea, Dianthus and Mignonette now, and if you once try our Scabiosa you will wonder at its immense size. Also try our Digitalis, Campanulas and Delphinium. The last four are among our greatest specialties—all from finest stock.

**Vegetables.** Plant liberally of Beans and Corn, Tomatoes for general crop. Cucumbers for pickles, Squash of all varieties, also field Pumpkin, field Corn, Melons, etc. We recommend Rockyford Muskmelon for early. All varieties as recommended for last month.

## JUNE

**Flower Garden.** Trim edgings of border and hedges and carefully attend to watering. Dahlias and Gladiolus may still be planted. Sow Eucalyptus seeds for winter planting.

**Vegetables.** Hill up all growing crops and stick Pole Beans and Tall Peas as required.

## JULY

**Flower Garden.** Continue to dig and store bulbs as they ripen. Trim edgings and hedge-rows and sow perennial flower seeds in shady situations. Continue sowing Eucalyptus and Cypress seeds. Our finest Pansy and stock seed come in this month. This seed is the best that money can buy and if planted this month will come in bloom for early fall.

**Vegetables.** Cultivate well between the rows. Sow vegetable seed for succession as recommended for May and June. Sow Cabbage seed for fall planting, also Cauliflower, Borecole, etc.

## AUGUST

**Flower Garden.** This is the best month in the year in which to sow hardy perennials. Most varieties if sown this month will flower the next year. Also sow Calceolaria, Cineraria, Pansy and Primula seeds. Continue growing Eucalyptus and Cypress seeds. Don't water Roses this or next month at all. Let them dry down. Be sure and get our Pansy, Stock and Centaurea seed now. Sow Sweet Peas this month for flowering during holidays. Use Morris & Snow's Pedigree Strain Christmas Flowering Sweet Peas.

**Vegetables.** Plant second crop of Potatoes. Sow Cabbage, Cauliflower

and Spinach for main crops, and others for succession. This is the time to plant Bermuda Onion seeds for harvesting in January, February and March. Use Crystal Wax (white) for earliest—the great money maker. Plant Peas for holiday trade.

## SEPTEMBER

**Flower Garden.** Commence planting Hyacinths, Tulips, Anemones and other Dutch bulbs toward the end of the month. Prick off Calceolarias, Cinerarias and Primulas sown last month into small pots and continue sowing same for succession. Plant winter Sweet Peas. (See special list.) Also sow in all the hardy annuals and perennials. Our Pansies and Stocks, Scabiosa and Centaureas are the finest procurable. Plant now.

**Vegetables.** Many varieties of vegetable seed may be sown this month. Plant out Cabbage and Cauliflower plants sown in July. Plant a good bed of Earliana or June Pink Tomatoes for winter crop. Also Beets, Swiss Chard, Spinach, etc. Our Swiss Chard-Lyon is the finest table variety grown—"an Asparagus all summer"—we might say all year round. Plant largely of Peas (Yorkshire Hero is the favorite.) These will be ready about the holidays, when price is good. Canadian Wonder, French Kidney or Ventura Wonder Beans will also produce till the holidays if planted now.

## OCTOBER

**Flower Garden.** Commence planting Hyacinths, Tulips, Narcissus and all Dutch bulbs as soon as they arrive. You should try our Tulips. We can furnish you these in varieties that will produce flower stems 12 to 16 inches long. These varieties are unknown to the general trade, and if you get them they will have to come from us. Sow Pansies again this month, also Stocks, Scabiosa, Winter Sweet Peas, Phlox, Dianthus, etc., for winter flowering. Mulch and manure Roses and thoroughly water them, give lots of manure and you will have good flowers if you did not let them grow during last two months.

**Vegetables.** Transplant Tomatoes, Cabbage, Cauliflower, etc., to field. Celery will need hilling. Sow Cabbage, Cauliflower, Beets, Onions, Spinach, Swiss Chard, Radish, and Turnips, Lettuce, etc. This is really "Second Spring Time" of the year. You can plant nearly everything this month.

## NOVEMBER

**Flower Garden.** Continue planting Bulbs, such as Hyacinths, Narcissus, Tulips, etc. Get our special directions on their care in Southern California. Sow Pansy seed, Stocks, Phlox, Dianthus, Centaureas, etc., and place your orders for early supply of Roses, Carnations, etc. (Be sure and get our lists). Thoroughly mulch the garden with stable manure or fertilizer.

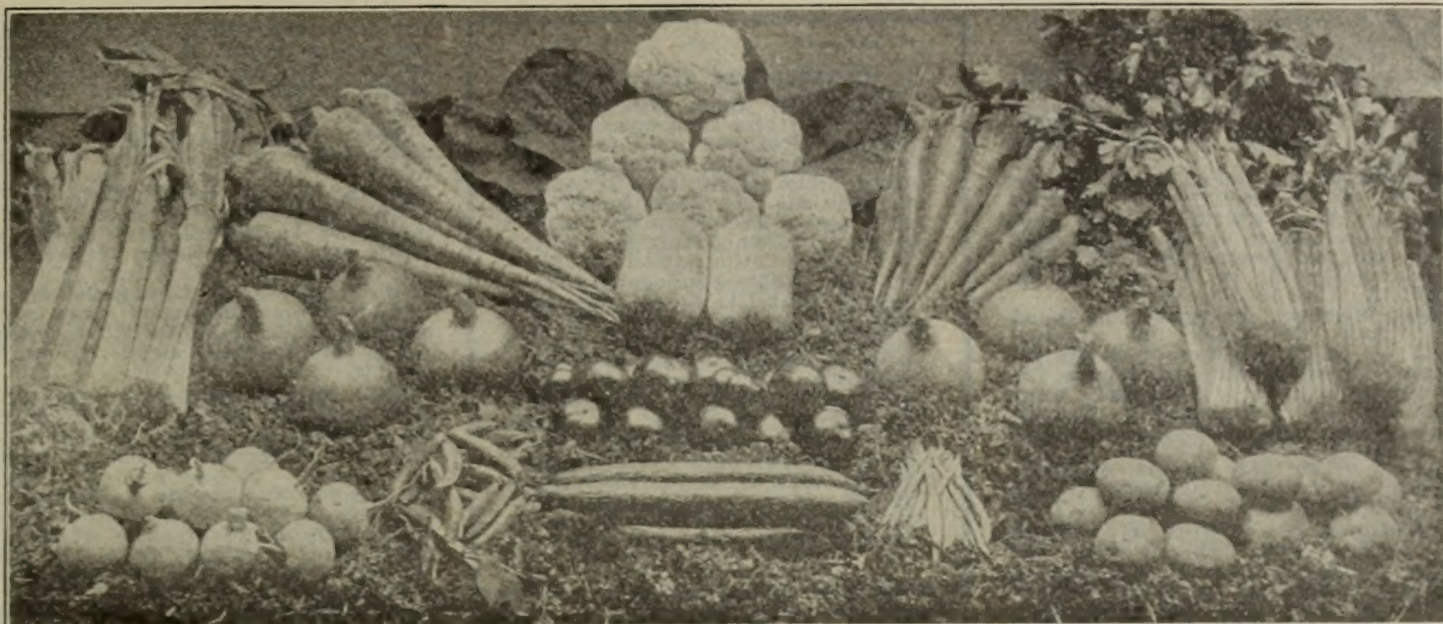
**Vegetables.** Plant liberally of Lettuce and for this season we recommend Wonderful and New York "Special Select"—Onions, Radish, Turnips, Beets, Swiss Chard, Cabbage, Cauliflower, etc. You should try Swiss Chard, Lyon and Lucullus, "the Asparagus all year." Much finer than the old varieties.

## DECEMBER

**Flower Garden.** Finish planting Dutch Bulbs this month. Look about for your supply of hardy bedding plants—Roses, Salvias, Carnations, etc. (We can always supply these.) Also plant Japanese Lilies, Pansies, Stocks, Sweet Peas, Phlox, Mignonette, Candytuft, Alyssum, Cosmos, etc. Thoroughly protect tender stuff.

**Vegetables.** Plant Peas, Carrots, Turnips, Radish, Beets, Spinach, Swiss Chard, Onions, Lettuce, Leeks, Rhubarb, Kale, Collards, Cabbage, etc.





# MORRIS & SNOW SEED CO. CATALOGUE

All Seeds Listed by the Pound, Posted Free  
Excepting Peas, Beans, Corn and Beets

## Vegetables

All Vegetables Are Put Up in 5c Packages Except Where Noted

On account of exceedingly short crops this year we can not hold ourselves liable for delivery of seeds at the following prices, but give them rather as a guide to purchasers. In fact, **First Grade Seeds** are quite liable to be exhausted before the season has ended, therefore we advise buyers to order early. We will not depreciate the high quality of our **Pedigreed Seeds** by substitution but will report "Sold Out," when our stock is used up.

When wanting seeds in large quantities, please write for prices stating the quantity desired.

MORRIS & SNOW SEED CO.

### ASPARAGUS

**Culture.** Plant seed in beds or rows thickly, cover about 1 inch. Keep

watered and weeded first year, and if too thick in bed thin out to 2 or 3 inches apart, and you get better roots. After one year's growth they can be transplanted to rows three to four feet apart and one foot apart in the row. Although two year old plants are preferable for transplanting they will then produce the following Spring. For Garden Culture dig out large holes 2 feet deep, fill 8 inches with well rotted manure which cover with 4 inches of soil. Plant the roots and cover with soil about 8 to 10 inches over the crown. Use light loam soil for best results.

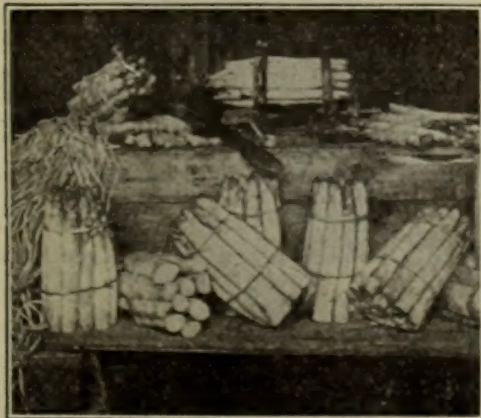
**Early Giant Argenteuil.** This is the famous Paris Specialty. The stocks grow to a mammoth size. When well grown some weigh 4 oz. The head is slightly pointed. It is early and so very vigorous it is but little troubled with rust. The flavor is superb. Our seed is from one of the largest Asparagus plantations near Paris. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Barr's Mammoth.** A large variety. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Conover's Colossal.** Considered the best for market gardeners. Pkt. 5c; oz. 10c; lb. 75c.

**Palmetto.** The leading and most popular variety for the home garden or market. The tender sprouts are green and its delicious flavor makes this variety the favorite for table use. Pkt. 5c; oz. 10c; lb. 75c.

**Columbian Mammoth White.** This large-stalked strain producing white stalks above the surface, and which are nearly as fine flavored as the best green-stalked. Pkt. 5c; oz. 10c; lb. 75c.



Asparagus—Giant Argenteuil

### ARTICHOKE

**Culture:** Sow seed from January to June and transplant to permanent place when about eight inches high. From the first plantings fruit should be produced in the fall, and the later plantings will fruit the next spring. Plant the seed one inch deep in well worked, damp loam soil.

Artichokes do not come absolutely true from seed, some of the seedlings showing the original thorny type; however, when transplanting select only the plants showing the smoother leaves, discarding the others.

**Selected Large Green Globe.** The standard variety. Pkt. 10c; oz. 35c.

**Remontant.** One of the finest; large dark green without any spines; bears twice with us, i. e., in spring and autumn. Pkt. 10c; oz. 35c.

#### JERUSALEM ARTICHOKE

**Culture:** Plant tubers in rows 2½ feet apart and one foot apart in the row from February to April, and treat the same as potatoes.

Per lb. 15c; postpaid, 25c per lb.; 100 lbs. at market rates.

### BEANS—BUSH

**Culture:** Plant about two inches deep in well prepared soil. Each bean should be about two inches apart in rows, 18 to 30 inches, according to variety. Be very cautious and not cultivate deep after they begin to shoot up, especially after in bloom, but keep surface well worked and clean of weeds. Spray with sulphur just about the time they come into bloom—best a little before the bloom commences and repeat shortly after in full bloom. This treatment will check mildew and keep it away. Plant 50 lbs. Bush



Limas, 35 lbs. Pole Limas, and 50 lbs. Snap Beans to the acre.

Beans will be sent by express or freight, charges collect, provided 10c per lb. is not enclosed for postage.

Prices on Beans are subject to market changes. Ask for prices on large quantities.

**Burpee's Stringless Green Pod.** One of the best early varieties for Spring planting. Very prolific, round pod; can be planted early in March and up as late as September. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs., \$1.20.

**Canadian Wonder.** Flat pod; of good flavor; not stringless but tender; nearly as hardy as French Mohawk. A great favorite with gardeners for winter or late fall planting. Very luxuriant and continuous bearer. Plant during September and October, also in early spring. Pkt. 5c; lb. 25c, postpaid; or lb. 15c; 10 lbs. \$1.25 by express or freight, charges to be paid by purchaser.

**Early Refugee or 1000 to 1.** Round pod; medium size, tender; very desirable for table and cannery. Should be planted during the mid season, neither too early nor too late. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.20.



Canadian Wonder

**French Mohawk.** Very prolific, maturing in six weeks, making a quick short crop. Plant as early as January in protected places for early crop or in October for Holiday beans. Pkt. 5c; lb. 25c, postpaid; or by express or freight lb. 15c; 10 lbs. \$1.25.

**Long Yellow, Six Weeks.** A strong rapid grower and matures quickly.

#### MORRIS & SNOW'S IMPROVED BOUNTIFUL STRINGLESS BUSH BEANS

Absolutely stringless. Extra early. Tender, large podded and a bountiful yielder. An improved Long Yellow Six Weeks, being earlier, hardier and producing better, and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardener and the home garden. Lb. 15c. By post 10c lb. extra.

#### STRINGLESS REFUGEE

This new bean, we predict, will soon take the place of the popular Refugee or 1000 to 1 which has held prestige so long. The Stringless Refugee retains all the good qualities of appearance, flavor and growth of the Refugee with the entire elimination of the strings. The handsome pods, nearly round in form, average five inches in length, of a light green color; they are brittle, tender, fleshy and absolutely stringless at all stages of growth. The New Stringless Refugee is unequalled for commercial canning as well as for using fresh. Try a few. Pkt. 10c; ½ lb. 20c; lb. 35c postpaid. By express or freight, lb. 25c; 10 lbs. \$2.00.

Flat pod; very desirable for early forcing. Plant early in March and during August and September. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.20.

**Black Wax.** Round pod; straight, seven to eight inches long; very desirable for mid-summer. June to August. Pkt. 5c; lb. 25c, postpaid; or by express or freight, 1 lb. 15c; 10 lbs. \$1.20.

**Golden Wax.** Long, flat pod; stringless; a rich golden wax. We believe superior to most of the Golden Wax varieties. April to August. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.25.

**Stringless or Refugee Wax.** Round pod; entirely stringless; very rich golden yellow; especially recommended for mid-summer. Very prolific. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.25.

**Ventura Wonder Wax.** The "real wonder" indeed. The handsomest of all the early Wax Beans. The pods are long, (7 inches) straight, very uniform and clear waxy white. The vines are vigorous, extremely prolific and rust resistant. The dry beans are clear white and excellent for baking. The best market garden Wax Bean. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.30.

#### BEANS—LIMAS, ETC.

Lima Beans are more difficult to get started than other beans but the mature plants are hardier than the smaller podded varieties. Plant not earlier than April or later than August 1st, except in particularly favorable frostless locations.

**Burpee's Bush.** Quality first class; one of the finest; perfectly dwarf. The standard by which all Limas are gauged. Pkt. 5c; lb. 30c; postpaid. By express or freight, lb. 20c; 10 lbs. \$1.50.

#### THE "BURPEE-IMPROVED" BUSH LIMA

The pods are truly enormous in size, borne abundantly and well filled with handsome beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and fully eight days earlier.

The "Burpee-Improved" is a distinct "New Creation" by nature, and not merely an improved selection developed by man. It differs from the best strains of Burpee's Bush Lima in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The growth is even more vigorous, with heavier foliage. The plants are uniformly upright. Full-grown bushes measure thirty inches in height and twenty-four inches across the top. The blossom bearing stalks are thrown well

out from the foliage and the pods are frequently borne in what might be called "clusters" of from five to eight large perfect pods containing from four to eight beans to the pod.

The "Burpee-Improved" produces magnificent crops of pods which measure from five to six inches long by one and one-quarter inches wide. As compared with Burpee's Bush Lima both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Even when of full size the enormous beans are of the most luscious flavor; they are thin skinned and truly delicious; they are ready to market eight to ten days earlier.

The Burpee-Improved Bush Lima will outyield Burpee's Bush Lima by fully one-third. This greater yield is due to the increased size of both pod and beans. It has proved a wonderful bearer and excels anything in the way of a Lima Bean, either bush or pole. The large clusters of great big pods hang well out from the foliage, getting lots of sunshine and air.

Pkt. 10c; ½ lb. 25c; lb. 40c, postpaid. Write for prices for quantities.

#### CARPINTERIA GREEN SEEDED LARGE LIMA

These beans are the product of two vines which appeared as sports in a crop of Burpee's Improved Bush Lima on the Seed Farm of Henry Fish, Carpinteria, Cal., in 1906. Their superiority attracted his attention and they were saved for stock seed. The vine is very strong, of vigorous growth, with many large branches or runners, producing a great many fine pods which are closely filled with large beans. In shape the bean is similar to the Burpee's Improved. The pods contain from three to four beans, a large proportion containing four.

This is a broad seeded bean, much thicker than the ordinary pole lima. It is a plump, well developed bean and comes nearer to having every bean perfect than any other pole lima.

The green tint is a distinctive feature of this bean, for it retains this in the dry state to greater extent than usual, which indicates the fine qualities which it possesses, being fine flavored and more tender when cooked than white seeded bean, and making it more pleasing to gardeners and housekeepers.

It is the most perfect pole lima bean.

Introductory price, pkt. 10c; ½ lb. 25c; lb. 40c; postpaid.

**Fordhook Bush.** Having given it a thorough trial ourselves we are ready to give it the full degree of merit claimed for it by its originators. Its height is from twenty-two to twenty-four inches and it bears in clusters of two to five, well out from the plant on long spikes. There are from three to five beans in each pod, with an average of four. The seeds are round and thick, and have a mild, delicious flavor. This delicious bean is far ahead of anything which anybody has shown in Lima Beans up to the present time. Pkt. 10c; lb. 35c, postpaid; by express or freight, lb. 25c; 10 lbs. \$2.00.

**Windsor Broad Bean.** A great favorite is a perfectly hardy variety being planted during the winter months, maturing in the spring. Pkt. 5c; lb. 25c, postpaid.

**King of Garden Lima.** Beans of unusual size; quality perfect. Pkt. 5c; lb. 25c, postpaid. By express or freight, lb. 15c; 10 lbs. \$1.10.

**Large Lima.** The beans are large and attractive. A very popular variety. Pkt. 5c; lb. 25c, postpaid; lb. 15c; 10 lbs. \$1.00 by express or freight.

**Siebert's Early Lima.** A popular early variety; an enormous yielder though the pods seldom contain more than 4 seeds; pods medium long, dark green, well-filled with large, fleshy, tender, fine flavored beans. Pkt. 5c; lb. 25c, postpaid; or by express or freight, lb. 15c; 10 lbs. \$1.10.



**BEANS—POLE**

Plant pole beans from March to August except the Creasback which may be planted during August. Pole beans make so much shade that as soon as damp, cool nights of Fall come on, the beans become affected by rust and mildew.

**Asparagus or Yard Long Bean.** A very prolific pole bean of excellent quality, producing pods from 15 to 30 inches long, in great profusion. Pkt. 25c.

**Kentucky Wonder.** Long round pod. This is by far the most popular bean in Southern California, because here it is grown to perfection. Very prolific and all its merits make it one of the finest varieties grown. Plant from March or April to August. Pkt. 5c; lb. 25c, postpaid; by express or freight, lb. 15c; 10 lbs. \$1.25; 100 lbs. \$10.00.

**White Seeded Kentucky Wonder.** A pole bean of great merit, claimed to be a heavier producer and more resistant to mildew than the common Kentucky Wonder, of which it has a similar growth and appearance except that it has white seeds. It bears well into the Fall. Pkt. 10c; lb. 30c, postpaid. By express or freight, lb. 20c; 10 lbs. \$1.35.

**Kentucky Wonder Wax.** One of the most prolific beans grown. Commences to bear very early and continues to bear until killed by frost. A rapid grower, and pods are solid and meaty; perfectly stringless, and when properly cooked are deliciously rich and buttery. April to August. By mail 5c per pkt; 25c per lb.; express or freight, lb. 15c; 10 lbs. \$1.25.

**Scarlet Runner.** Mostly grown as an ornament for covering fences or unsightly places; pretty clusters of scarlet flowers. Pkt. 10c; lb. 40c, postpaid.

**White Creasback.** An early silvery green bean, the pods maturing very evenly in clusters of from four to ten. A very good shipper. Pkt. 5c; lb. 25c, postpaid; by express, lb. 15c; 10 lbs. \$1.00.

**Cut-Short or Corn Hill.** A late variety with cylinder-shaped straight pods. It is often planted with corn which supports the vines. Pkt. 5c; lb. 25c, postpaid; by express 15c lb.

**BEET---Table Varieties**

**Culture.** Sow all the year round in drills twelve inches apart; thin out to

**DETROIT BLOOD TURNIP**

A grand beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin, dark blood red; flesh bright red. Quality is of the very best, sweet, tender and lasting. One of the best for the market gardener and the home garden. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**CROSBY'S EGYPTIAN**

**The Earliest Beet in the Market**  
A selection from that standard market beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. Selected stock. Plant from September to May. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

three inches apart in the row, or sow in plant beds and transplant to any convenient spot in the garden. Water well once a fortnight; keep the ground loose and the weeds out. Six lbs. mangel or sugar or 8 lbs. table beet seed to acre.

**Blood Turnips.** Smooth round roots of medium size with dark red flesh, fine grain, very sweet, and retaining its deep coloring when cooked. Top are small and of uniform growth, the leaf, stems, and veinings being a dark red. It grows quickly and is of superior quality. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Crimson Globe.** Is becoming very popular with the local market gardeners. Crimson Globe has a smooth skin and very regular form. The flesh is a deep purplish crimson, sweet and tender. Plant during April, May and June. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2.25.

**Extra Early Egyptian.** One of the most popular on account of its beautiful

appearance and excellent flavor. Imported French grown seed of best quality. Plant for September to May. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Eclipse.** A good-shaped beet with large top; very tender and sweet and of fine texture. Especially good for planting for May to August. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**Long Blood.** Dark red, smooth, growing to good size; small top. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.75.

**BEET—STOCK AND SUGAR**

Stock Beets will be sent by express or freight, charges collect, provided 10 cents per lb. is not enclosed for postage. Any variety at 5c per packet. Ask for prices on large quantities.

**Culture.** In Southern California plant during the fall and winter in drills from 18 to 24 inches apart. When plants have third or fourth leaf thin to six to eight inches apart in the row.

**Mammoth Long Red Mangel.** All stock eat it readily. This beet will resist alkali better than any of the other varieties. Pkt. 5c; oz. 10c; lb. 60c, postpaid.

**Golden Tankard Mangel.** Contains less water and more sugar than any other mangel. Pkt. 5c; oz. 10c; lb. 70c, postpaid.

**Lane's Imperial Sugar.** The heaviest cropping sugar beet, and the most profitable for stock farmers. Pkt. 5c; oz. 10c; lb. 60c, postpaid.

**Vilmorin's Imp. Sugar.** This variety is without question the best in cultivation; not the largest in size, but the richest in saccharine matter. Pkt. 5c; oz. 10c; lb. 70c; postpaid.

**Giant Half-Sugar.** This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white. The flesh is pure white, firm, crisp and very sweet. Highly recommended for stock purposes. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 75c, postpaid.



Eclipse Beet



Crosby's Egyptian Beet



Detroit Blood Turnip Beet



**Improved Swiss Chard****SWISS CHARD—BEET**

**Swiss Chard.** Sown for its leaves only. Planted and grown same as beets, but the leaves are taken off like Rhubarb and cooked the same as spinach. Also used for poultry greens, being more desirable than alfalfa. Plant any time of the year in Southern California, using common kinds for poultry and improved varieties for your table.

**Common Green.** Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

**Lyon.** "An asparagus all summer." There are few vegetables which require less care during their growth, or yield more certain crops than this variety. In this variety the stalks and mid-ribs are often four inches in width. The stalks are also eaten as one would asparagus, and are of fine flavor. Pkt. 10c; oz. 25c.

**Lucullus.** The plants grow to a height of two to two and one-half feet. The stalks are as thick and broad as those of Rhubarb, being one and one-half inches broad, heavily ribbed and from ten to twelve inches long below the leaf. These stalks are delicious when cooked and served in the same manner as asparagus. In the new Lucullus the leaves are larger and sharply pointed at the top, while the texture is heavily crumpled or "savoyed," more crisply, tender and of finer flavor. The leafy portion of the foliage is cooked and served in the same manner as Spinach. The leaves and stalks served as separate vegetables afford two distinct dishes from the same plants at one time. Per pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.25, postpaid.

**Scarlet Large Ribbed.** A novelty, recommended by our growers in Europe. Its growth and habits are the same as the white varieties of Swiss Chard except that the main rib and vein are dark scarlet making a very pretty effect. Pkt. 10c; oz. 25c.

**Yellow Large Ribbed.** A novelty, the same as the above but with yellow main rib and veins. Try the two for a pretty effect in your garden. They are used for the same purposes as other varieties. Pkt. 10c; oz. 25c.

**BROCCOLI**

**Culture.** Treat the same as cauliflower.

**Early Purple Cape.** Resembles the cauliflower, but is harder and more easily grown. Heads purplish brown in color, always close and compact. Fine flavor. Pkt. 5c; oz. 30c; lb. \$3.

**Matchless White.** This variety is quite early and will follow closely the

large headed varieties of Cauliflower sown the same time. Pkt. 5c; oz. 30c.

**BORECOLE or KALE**

**Culture.** Same as for Cabbage. Largely grown for greens for poultry. Can be grown any time of the year for winter and spring use. The seed is sown about the middle of summer and later transplanted to rows 2½ feet to 3 feet apart. The dwarf sorts may be sown later and need not be transplanted to furnish nice heads for cooking.

**Dwarf German Kale.** German Greens or Sprouts. Dwarf Curled Scotch Kale. The leaves are curly, bright green; very tender and delicate in flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. \$1.00.

**Tall Green Curled Scotch.** This makes a beautiful plant, about 2½ feet tall. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. \$1.00.

**Jersey or Tree Kale.** A very hardy variety used mostly for poultry and stock purposes. Pkt. 5c; oz. 10; ¼ lb. 20c; lb. 75c.

**CARROTS**

**Culture.** May be sown all the year around; till the soil deeply, sow in good sandy loam soil in rows 15 to 20 inches apart. Keep the soil well cultivated and do not allow it to get dry. Cover seed from one-half to one inch in depth. Two and a half pounds of seed will sow an acre.

**Guerrande, or Ox-Heart.** Beautiful shape and color. The roots generally attain from four to five inches in length and about three inches in diameter. This is the market gardener's favorite. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$3.00.

**Early French Forcing.** The small sort, but extra early. Very sweet and tender. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$3.00.

**Danvers.** The roots are smooth. One of the best sorts for main crop. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Half Long Early.** The sweetest of all carrots, is of good shape and cylindrical, very smooth, and grow about six inches long; the flesh is entirely red, very sweet and almost entirely without a core. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.75.

**Chanteney.** Flesh a deep golden orange color. Smooth and fine in texture. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Improved Long Orange.** A deep orange colored variety. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.25.

**Long White Belgian.** A variety with long slender roots about one-third

of which grows above the surface of the ground, thus making it easy to pull. It is very productive, highly nutritious and good keeper. The best for stock feed. Pkt. 5c; oz. 10c; best for stock feed. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Long Yellow Belgian.** This sort is very similar to the White Belgian except in color. Its strong point is its keeping quality, making it of especial value for late feeding. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

**CASABAS—See under Melons.**

**BRUSSELS SPROUTS**

**Culture.** Sow the seed from September to January as it needs cool weather to develop the heads. Treat the same as cabbage.

**Dwarf Improved.** Produces on the stem, compact sprouts resembling miniature cabbages. A delicious vegetable. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**CHIVES**

Chives are perfectly hardy perennial plants of the onion type. They are grown for their small leaves, which are produced the year around and are used for giving a mild onion flavor to various dishes. The tops can be shorn off close to the ground as needed. Roots per bunch 20c., by mail, postpaid.

Chives are also easily grown from seed. Sow in beds and transplant as soon as they begin to multiply. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

**COLLARDS**

This is a form of cabbage grown in the Southern States. One ounce of seed will sow 300 feet of drill; two pounds per acre.

**Southern.** A mass of leaves on a tall stem, which in the South grow all winter. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**CRESS**

**Fine Curled (Pepper Grass).** Quick growing; leaves finely cut and feathery, like a good parsley; growth dwarf and compact; ornamental, crisp, and pungent; very refreshing. Pkt. 5c; oz. 10c; lb. \$1.00, postpaid.

**Water Cress.** Highly esteemed as a salad during the spring and fall. Also used as a garnish for meats during the winter. Seed may be started readily in pans or boxes of very moist earth, and the young plants transplanted to shallow water. Pkt. 10c; oz. 50c; lb. \$5.00.

**Guerrande or Ox-Heart Carrot**





Cannon Ball



Danish Ball Head



Flat Dutch

## CABBAGE

All cabbage in 5c pkgs. except where noted.

**Culture.** Sow the seed thinly in beds, either in drills or broadcast. Care should be taken if too thick to thin out so as to avoid spindling plants. After plants are seven or eight inches high, transplant to field where they are to grow. Keep continually moist, never allow to grow dry, or they will most likely "shoot" to seed, when watered again. One-third of an ounce for 100 feet of row or six to ten ounces per acre. Plant early varieties as Jersey Wakefield and Winningstadt—12 inches in rows, and 24 inches apart, or late varieties 18 to 20 inches in row and 30 to 36 inches apart.

**All Seasons.** The heads are very hard and solid, round flattened on the top. It is very early but still of a good large size. It is called All Seasons because it can be planted at any time of the year and can be depended on to make a good head. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Danish Ball Head.** One of the best of winter cabbages, heads round, exceedingly solid and excellent keeper. Pkt. 5c; oz. 45c; ¼ lb. \$1.25; lb. \$4.50.

**Early Winningstadt.** Imported. A superb strain of this popular cabbage, that has given perfect satisfaction to our market gardeners for years. Sure to head hard and solid. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Early Jersey Wakefield.** A popular first early sort with Eastern gardeners. Does not do so well here as the Winningstadt. Pkt. 5c; oz. 20c; lb. \$2.00.

**Fottler's Improved Drumhead.** The earliest of the large drumheads. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Premium Large Late Flat Dutch.** A standard sort for late crop. A hard sure header. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Early Drumhead.** Undoubtedly the best early cabbage for home gardening, as well as the best early maturing varieties for late planting. Pkt. 5c; oz. 25c; lb. \$2.25.

### OUR NEW CABBAGE

**Cannon Ball**—An early white round headed cabbage of excellent quality. Although the Cannon Ball cabbage is an early variety it produces a good-sized firm head with a small core and the leaves with small midveins making a fine grained sweet cabbage. By setting the plants 12 to 14 inches apart heads weighing from 3 to 5 pounds will be produced, but by setting them 18 to 24 inches the heads will range up to 10 and 12 pounds each. Cannon Ball cabbage will come in from two to six weeks earlier than the Winningstadt and will out-yeild it any season. Each year the demand for Cannon Ball cabbage increases. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

### RED CABBAGE

**Large Red Drumhead.** This cabbage has proved the most successful of the Red varieties in this locality, attaining a large solid head of good deep color. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

**Dark Red Erfurt.** A very early European variety. Fine solid heads. Pkt. 5c; oz. 20c; lb. \$1.75.

**"Zenith" (New).** The best red cabbage up to date. The heads are very solid, of the richest deep blood-red, of medium size, fine ribbed and with but few outer leaves. It matures medium early and is a keeper. Pkt. 5c; oz. 20c; lb. \$2.50.

### SAVOY CABBAGE

**Drumhead.** A variety that is much prized in Europe and also by those who are familiar with it in this country. Well adapted for winter growth. It is very sweet and crisp, and always tender. Pkt. 5c; oz. 20c; lb. \$2.00.

**Early Favorite.** A standard variety which is very desirable for home gardens. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.

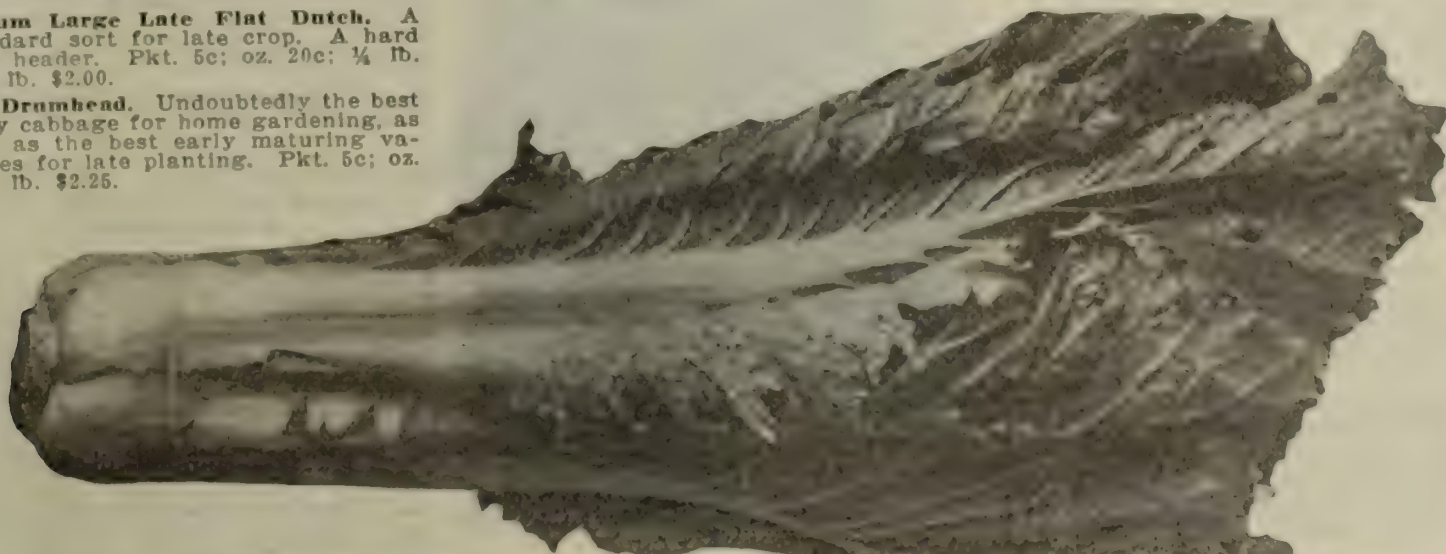
**Chinese Cabbage.** This differs entirely in appearance from the cabbage, being rather like a Cos Lettuce in aspect. Like it, it forms a long, rather full and compact head. The leaves are thick and fleshy, and is highly recommended as a winter vegetable for mild climates. It should be sown in late summer for fall and winter use; successive plantings can be made. A grand feed for poultry; also used extensively in salads. Boiled, minced and seasoned with butter it is as delicate a flavor as the best endive; sown in August, it is ready in 3 months. Pkt. 10c; oz. 75c.

### CHICORY

**Culture.** Sow seed in early Spring, thin to 6 inches in row and keep well hoed. The dried roots are used as a substitute for coffee or used fresh as a vegetable.

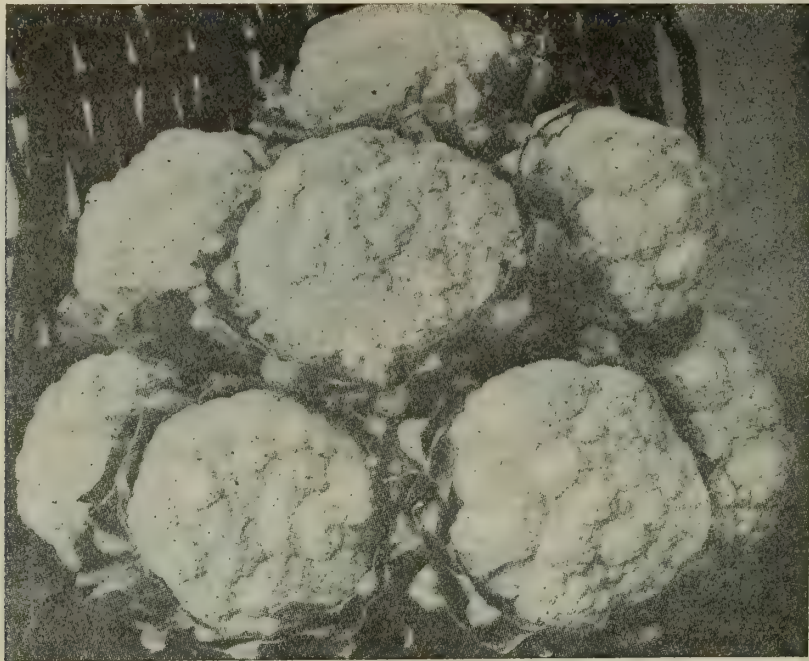
**Common or Wild.** This variety produces the "Barbe-de-Capucin," a salad much used in France. Sown in June; the roots are stored in sand in Autumn. Pkt. 5c; oz. 10c; lb. \$1.00.

**Large Rooted.** Roots are dug up in the Fall, dried, cut in thin slices, roasted and ground; are used largely as a substitute for coffee. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.



CHINA CABBAGE—A fine new Vegetable. Excellent Early Green Chick Feed





Morris &amp; Snow's Earliest Giant Cauliflower

## CAULIFLOWER

**Culture.** Prepare the soil as for cabbage. Seeds may be sown from June to the following April. Set out the plants fifteen inches apart in the row and the rows two to three feet apart. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth; hence irrigate it freely. One ounce of seed produces two thousand plants; four ounces to the acre.

**Algiers.** A popular market variety. Largest and best of late sorts. Wants rich soil. Pkt. 10c; oz. \$1.00; ¼ lb. \$3.00.

**Autumn Giant.** A large late sort with compact head. Pkt. 5c; oz. 80c; lb. \$9.00.

**Earliest Dwarf Erfurt.** The very best for forcing and earliest in open ground. This variety combines all pedigree points, earliness, purity of color, dwarf habit, fine grain. This seed will produce cauliflower worth the highest market price. It cannot

be sold cheap, but the shrewdest gardeners find it the most profitable. Pkt. 25c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.50.

**Dry Weather.** It produces large solid white heads and is an early variety. It is especially adapted for growing in dry locations where other varieties fail. Especially recommended for Southern California and Arizona. Give it rich soil and thorough cultivation. Pkt. 25c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.00.

**Henderson's Early Snowball.** Very early and one of the surest to head. It has long been the standard sort. Pkt. 25c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.00.

**California Pearl.** It is particularly adapted for shipping, the flower being completely enveloped within spiral curled leaves, thus avoiding injury in packing and retaining its fresh appearance longer than any other variety. It is the shipper's favorite. Per pkt. 20c; oz. \$2; lb. \$20.

### MORRIS & SNOW'S EARLIEST GIANT CAULIFLOWER

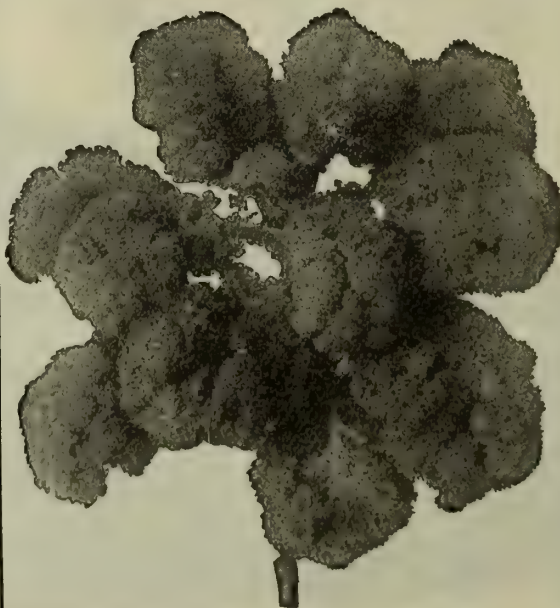
This is selected stock from one of the largest and best growers, and is one of the finest early large headed Cauliflower on the market. For the past season we have given this to the most critical growers with the very best of results. This variety has a head considerably larger than the Snowball or Early Erfurt, and is well protected by the foliage. This is of Italian origin and does exceptionally well in this climate. Pkt. 10c; oz. \$1.

### MORRIS & SNOW'S ECLIPSE

This is the finest medium cauliflower, having a large, fine, well protected head. With Italian and French variety blood. Pkt. 10c, oz. 75c.

### MORRIS & SNOW'S GIANT SECOND EARLY

This is a very large, fine headed variety for the later season, and produces a head of the finest flavor and quality. Heads are well protected. Pkt. 10c; oz. \$1.00.



Curled Kale

## CELERIAC---Turnip Root-ed Celery

Celeriac is grown for the large turnip-shaped roots, which are stewed or used for flavoring soups. The plants are set six to eight inches apart and are not earthed up, but kept constantly hoed to encourage a large growth. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

## CELERY

**Culture.** Sow the seed from January to May in drills twelve inches apart, not too thick in the row to secure stocky plants. In July when the plants are strong, transplant to furrows four feet apart and six inches deep. Set the plants six inches apart in the furrow; as the plants grow, fill the soil around them for proper blanching.

**Dwarf Golden Self-Blanching.** This is the most popular and profitable celery grown. It is always in great demand where good celery is appreciated. On account of the devastating rains and floods throughout France where our Celery seed grows, our crop of Golden Self Blanching has been almost nothing and consequently the price has materially advanced. Notwithstanding our seed will be of its usual high quality. Pkt. 25c; oz. 2.00; ¼ lb. \$6.00; lb. \$20.00.

**Golden Self Blanching.** (Cal. grown). This Celery seed is grown from French grown stock and gives the same fine celery that is produced from the above French grown seed except that it grows a little larger. This is excellent for home gardens or local market supply. Pkt. 10c; oz. 60c; ¼ lb. \$2.00; lb. \$6.00.

**White Plume** (California Grown). Its stock, inner leaves and heart are naturally white, so by simply drawing the soil up against the plant and pressing it in is all the work for blanching required. This is a very popular variety for market gardeners. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$3.

**Golden Heart.** The best Celery for winter storage. Ever since introduced this celery has gained in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. Pkt. 10c; oz. 35c; lb. \$4.50.

**Giant Pascal.** The largest of all; is a great favorite in the Eastern gardens. Pkt. 5c; oz. 15c; lb. \$2.00.

## CORN SALAD

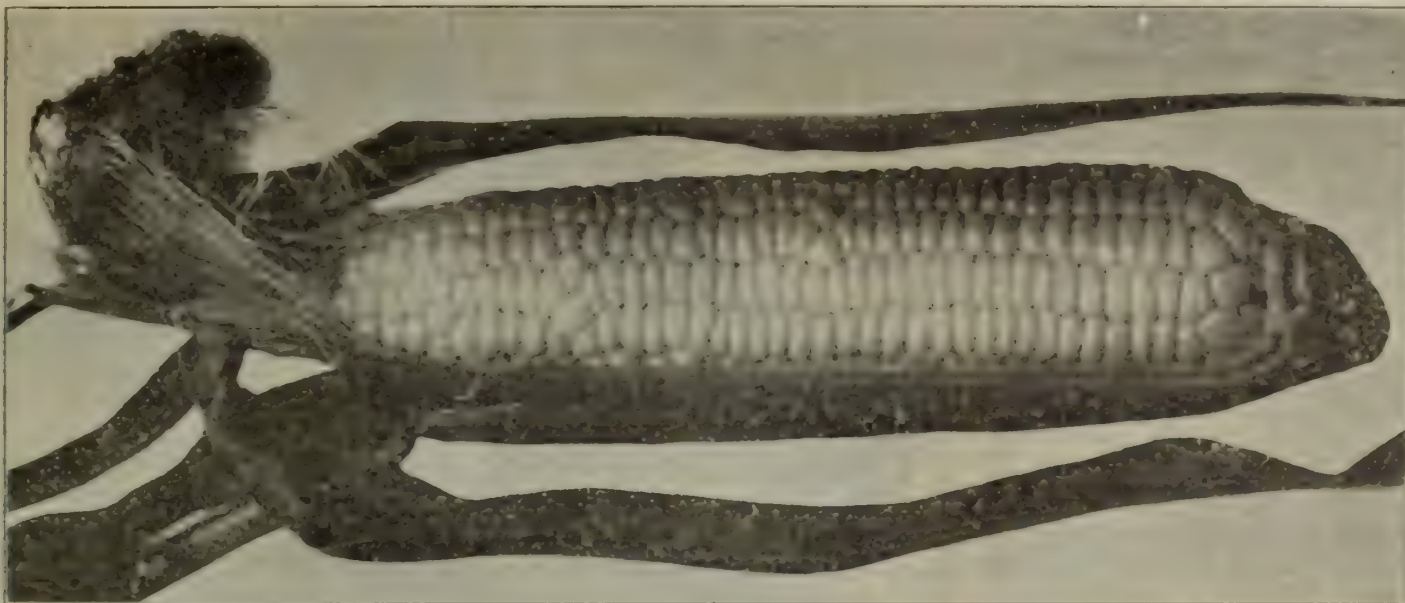
This is a hardy, quick-growing plant; the leaves furnish a good substitute for lettuce during the winter. Sow seed on the approach of cool moist weather in the fall to produce leaves for late fall, and early spring use. It does not grow satisfactorily during the hot summer months.

**Large Round-Leaved, Large-Seeded.** Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 75c.

### The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a radish or lettuce causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden products more than any other condition, and it is neither wise nor economical to depend on the natural condition of the soil or the application of stable manure only for profitable crops.





Oregon Evergreen Sweet Corn—The Leading Main Crop Variety

## CORN

Our Corn is Eastern grown and hand picked but there is growing a great demand for California grown Corn seed because it has more vitality, having a longer and better season in which to cure; so we have put in a stock of California seed especially selected for us. A good stand can always be gotten from the first planting of California grown seed, which cannot be said of Eastern grown seed. The only disadvantage of the California seed is that the stalks are liable to run a little more to suckers.

Corn will be sent by express or freight charges collect, provided 10c per lb. is not enclosed for postage.

Ask for prices on large quantities.

**Culture.** Plant as soon as danger of frost is past in moist rich soil 10 inches apart in rows three feet apart. Keep the ground well hoed or cultivated so that the moisture may be retained and the weeds kept out. For succession plant every two weeks till August 15th. In order to secure well filled cobs it is advisable to plant several rows side by side. The effect of this will be to ensure an ample supply of pollen reaching the silks and upon this will depend whether the cobs are well filled or not. Plant eight pounds per acre. We give our list in the order of the earliness of the corn.

If to go by mail, add 10 cents per lb. for postage

### SWEET CORN

**Extra Early Adams.** The hardiest and earliest corn for table use. It is not a sweet corn but on account of its earliness it is extensively planted both by the market gardener and for the home garden. Pkt. 5c; lb. 25c; postpaid; by express or freight, lb. 15c; 10 lbs. \$1.00.

**Golden Bantam.** A very dwarf extra early variety, of a rich golden yellow; very sweet and fine. "The Golden Bantam was the finest flavored sweet corn that I have ever tried. When it was cooked with other kinds all at the table would pick out the golden ears and there was never a yellow ear left when the meal was finished. I am going to grow this variety again this year, early and late." This is what one of our customers says about this fine variety. Highly recommended by Agricultural Schools and Experiment Stations. Pkt. 5c; lb. 30c, postpaid. By express or freight, lb. 20c; 10 lbs. \$1.35.

**Early Minnesota.** The old standby extra early large sweet corn. An eight rowed corn maturing right after the very earlies. The excellent quality

of the large white grains and its productiveness make it immensely popular. Pkt. 5c; lb. 30c, postpaid. By express or freight, lb. 20c; 10 lbs. \$1.25.



Heath's Early Sweet Corn

**Large Adams.** This is the best variety to plant in July and early August for late crop. This is similar to the E. Adams but has larger kernels. Lb. 15c; by mail 25c.

**Black Mexican.** One of the best sweet corns for this section. Deliciously sweet and tender, and very productive. Pkt. 5c; lb. 20c; by mail 30c.

**Oregon Evergreen.** This has become a standard variety in Southern California and it certainly is worthy of the credit. It produces a good sized, well filled ear of fine flavored corn. It is the market gardener's favorite and gives thorough satisfaction wherever used. Pkt. 5c; lb. 20c; 10 lbs. 1.50; by mail add 10c per lb.

**Stowell's Evergreen.** Most popular of all sweet corn varieties. Large, fine flavored ears borne in abundance, with deep kernels, white in color. Main crop sort. Pkt. 10c; lb. 25c; by express or freight, lb. 15c; 10 lbs. 1.25; 100 lbs. \$9.00.

**Country Gentleman.** One of the most delicious and sweetest of all the sweet corns. A main crop variety. It is extremely productive, its stock averaging three ears and sometimes as many as five. Pkt. 5c; lb. 30c; by mail; lb. 20c; 10 lbs. \$1.25 by express or freight.

### HEATH'S EARLY

An excellent corn; early and very sweet. The ears are medium size and well filled, the husks are bright green and grow close to the ear so that it is scarcely bothered by worms. As predicted by us when introducing Heath's Early three seasons ago, its demand has greatly increased and many of the growers will have nothing else. One party has already placed his order for enough for 20 acres.

We especially recommend Heath's Early for late plantings because of its deep green foliage which it retains even when the nights have become quite cool and other varieties of sweet corn have lost their green fresh appearance. There is no variety that is better for the private garden. Pkt. 5c; ½ lb. 15c; lb. 30c, postpaid. By express or freight, lb. 20c; 10 lbs. 1.50.



## FIELD CORN

### YELLOW DENT VARIETIES

**Iowa Gold Mine.** A large yellow dent corn, with large kernels and a small cob. A very heavy yielder. Lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 60c.

**Mastodon.** A very large yellow variety; good producer. 100 lbs. \$4.

We are having some of this variety locally grown and especially selected for our use for seed corn. One of the heaviest producers on light sandy soil. Prices on application.

**Golden Beauty.** The best yellow dent corn we have found for this section. This large, broad, yellow dent corn has long ears covered to the extreme ends with bright golden yellow grains. The cob is small making the product of shelled corn large. Exceedingly heavy cropper. Lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 70c. Ask for prices on large quantities.

**King Philip or Longfellow, 90-day.** A long eared yellow flint corn, originally with 8 rows but now improved till it has from 12 to 14 rows to the cob. King Philip will make corn when the ground is too dry for other corn to develop. Per lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 60c. Ask for prices on larger quantities.

**Leaming.** A tall, early variety with heavy foliage. The kernels are long and deep yellow. One of the most popular corns grown. Lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 60c.

### WHITE DENT VARIETIES

**Red Cob, Ensilage.** A large stalk with a profusion of leaves which makes it the most desirable for ensilage. Lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 60c. Ask for quantity price.

**Hickory King, 110 Days.** A white variety, having the largest grain with the smallest cob ever introduced in a white corn. We sell more Hickory King Corn than all the other varieties put together. Although it is a late variety it is exceedingly popular in Southern California. Per lb. 20c, postpaid. Price on application.

**Wisconsin White Dent, 90 Days.** A perfect White Dent corn, of good quality. Per lb. 20c, postpaid.

**Wisconsin White Dent, Special.**—We are offering a limited amount of California grown Wisconsin White Dent which has been selected for earliness and productiveness. This can be planted after a crop of hay and you will then get a good paying crop even if put in as late as the middle of July. Lb. 20c, postpaid. By express or freight, lb. 10c; 10 lbs. 60c. Ask for prices on larger quantities.

## POP CORN

**Culture.** Plant in rows and manage same as other varieties of corn. Use three to four pounds of seed per acre.

To get best results for popping, the corn must be thoroughly matured and dried. Year old corn is best.

**White Rice.** The most popular variety—making a large white popped corn. The kernels are long and pointed resembling rice. A good producer. Lb. 20c, postpaid. By express or freight, lb. 10c. Larger quantities at market prices.

## CUCUMBER

**Culture.** Plant six to twelve seeds in hills four to six feet apart. Get the seeds into damp soil about one inch. Rich, well watered soil is necessary to produce well formed cucumbers. Plant seed in open ground after April 15th or they may be started under cover earlier and reset in the open as soon as danger of frost is over. One ounce of seed will plant forty hills. Two pounds to the acre.

**Arlington White Spine.** A rich, dark-green variety, turning white when ripened. The fruit is about 7 inches

### LEMON CUCUMBER

A new type. Fruits are short and nearly round, with yellow and green markings. Skin smooth, flesh exceedingly tender and of sweet flavor. May be served whole or sliced. Best when just turning yellow. Pkt. 10c; 2 for 15c; oz. 25c.

### CUCUMBER

#### MORRIS & SNOW'S EXCELSIOR WHITE SPINE

Selected stock. This is the finest of the White Spine varieties that we have tested so far, being much finer shaped than either Arlington White Spine or Rawston's White Spine. We pronounce this the best of all the early forcing varieties of cucumbers, that we have had tried out. It is of perfect shape, and good deep green color without any tendency toward Nubbins.

Pkt. 10c; oz. 20c; lb. \$2.

#### A Small Saving in Seed Often Means an Immense Loss in Crop

There is no better illustration of this than in Cucumber seed. Two dollars will plant an acre, yet the results from good seed and bad have often differed almost hundreds of dollars. Insure your crop by planting Morris & Snow's Seeds—there are none better at any price.

long when in marketable condition and very straight and even shape. Is early and good for forcing and out-of-door culture. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Chicago Pickling.** This is undoubtedly the best Cucumber for Pickles, and is used almost exclusively by a vast majority of the pickle factories. The fruit is medium length, pointed at both ends, with large and prominent spines. The color is a beautiful deep green, giving the pickles a most appetizing appearance. The fruits begin to set while the vine is still young and continue longer than any other variety. Ask any pickle merchant or manufacturer what the best pickle variety is and his almost invariable answer is "Chicago Pickle." Pkt. 5c; oz. 10c; lb. \$1.00.

**The Cumberland Pickle.** Good for both pickle and slicing. This variety, of the hardy white spine type is a hardy grower, and is very prolific in fruit; very crisp and tender at all stages. Pkt. 5c; oz. 10c; lb. \$1.

**Cucumber—Morris and Snow's Special White Spine.** This is of stock we have supplied the early growers around Los Angeles for the last two seasons, proving to be the best money maker of all the varieties. The many customers using this seed have been more than pleased with it, and have found it to be one of the most perfect crops they have grown. One made over \$2700 off of less than one-half acre in the past season. Per oz. 15c; per lb. \$1.50.

**Davis Perfect (New).** This is the 2nd year this cucumber has been offered in the West, but its sterling qualities have been shown the last four years in the East where it immediately became a favorite. The fruits are eight to ten inches long, dark green and very attractive. Although mostly used in hothouses, it is equally as good for field culture. Pkt. 5c; oz. 15c; lb. \$2.

**Fordhook's Famous.** The fruits are perfectly smooth and very dark green, straight and solid; an enormous cropper and a handsome table fruit. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Improved Long Green.** Dark green firm and crisp, 12 to 16 inches long. Very extensively grown. Pkt. 5c; oz. 10c; lb. \$1.25.

**Japanese Climbing.** This sort grows quickly, climbing poles or trellis, thus taking up very little room on the garden. The fruits are of good size and of fine flavor. Pkt. 10c; oz. 20c.

**Klondyke.** A favorite variety among our market gardeners. It is an improved strain of the famous White Spine. When suitable to ship the fruits average about 2 inches in diameter and 7 inches long, very dark green, striped with light green about one-third the length from the blossom end. The flesh is waxy, white, crisp, and of excellent flavor. We have procured our seed in sealed packages from the originator. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Nichols' Medium Green.** A variety largely grown here for pickling. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

**Noah's Forcing.** Similar to the Telegraph, but a little hardier. Try a little in your garden. Pkt. 10c; oz. \$1.00.

**Telegraph.** This is a very long cucumber and grows to perfection in the hot house on supports, but they do very well here on trellis as they grow crooked when coming in contact with clods or other obstacles on the ground. An English type and most excellent eating. Produces very few seeds. Package 25 seed 15c; oz. \$1.50.

**Gherkin, or West India Gherkin.** An extremely small fruited variety, grown exclusively for pickles. It has no value for slicing; is very prickly, but tender and crisp if picked when young. Seed germinates slowly. Pkt. 5c; oz. 20c; ¼ lb. 60c.



Moss Curled Endive

## ENDIVE

**Culture.** This vegetable is highly esteemed as a salad. Sow small quantities at different times to insure a plentiful supply, as these crops soon run to seed. When the plants are three or four inches high, transplant one foot apart, each way, then blanch the leaves by gathering them carefully together and tying, when perfectly dry, with Raffia. A much neglected vegetable which grows to perfection in California.

**Broad Leaved Batavia.** Broad; nearly plain; light green; best for soup. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Moss Curled Green.** Moss-like appearance, beautifully curled. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Moss Curled White.** Does not need blanching, the midribs being naturally of a pale golden yellow, and the finely cut and curled leaves almost white. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

## EGG PLANT

**New York Improved.** Finest variety yet produced. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

**Black Beauty.** Fruit large, symmetrical in shape and uniformly of a rich, dark purple color. Fruit matures a little earlier than our New York improved, but are not quite as large. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.





## Morris & Snow's Special Select New York LETTUCE

**Culture:** Have the soil well pulverized and moist. Sow the seed in drills twelve to eighteen inches apart and not over half inch deep. Do not allow the seed to get dry after being sown. (See "A Word About Soils"). When the plants are two inches high thin to about eight inches, or transplant. The transplanted plants will mature two to four weeks later than those grown direct from seed.

Well watered, rich loam soil well worked and kept free from weeds insures a fine brittle lettuce.

### NEW YORK SPECIAL

To meet the demands of the shippers of Winter vegetables, we went to considerable expense to get this lettuce. It is a selected strain of the Wonderful Lettuce grown for the local market for many years. It has a very solid conical head, making it especially valuable for packing and shipping. It is of fine flavor. It takes well wherever offered.

The leaves are dark green outside but inside the heads are pure white and well crimped.

This lettuce is shipped as far north as Portland and east as far as Salt Lake and San Antonio, Texas.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75.

### CABBAGE—HEADED

#### CURLED LEAVED

**Hanson.** Similar to Iceberg, without the tinge of red. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Iceberg.** Large curly leaves, light green, with a very slight, reddish tinge at the edges. Delicious in flavor. Best for summer crop. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Wonderful.** (New York.) Is deservedly the most popular lettuce on the Los Angeles market. It is large, crinkly and of delicious flavor. Dark green foliage, but blanches white. This variety should be grown in the winter from October to April. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

### CABBAGE—HEADING VARIETIES

#### SMOOTH LEAVED

**All the Year Round.** Is one of the most desirable of all smooth leaved varieties. Solid heads with heart as yellow as gold. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Big Boston.** A very early new variety, forming fine hard heads within a few weeks after planting. It is medium sized, light green, with buttery but crisp heads. There is just a faint tint of brown on the head. We have had no end of praise from our friends and customers who have tried this variety. It is essentially a spring sort and does well all summer. Being of rapid growth and

quick heading it is especially recommended for the home garden and is universally esteemed. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**California Cream Butter.** This lettuce has become the most popular of all smooth leaved varieties. It is of good flavor and beautiful in appearance. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**May King.** The new variety from Europe. The earliest fine large heading variety, very highly recommended. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Tennis Ball.** Similar in every respect to California Cream Butter except in size. It forms a solid head and is best for early forcing. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Brown Dutch.** This is one of the largest and finest flavored lettuces, of the brown headed variety, which we recommend to all who like a rich buttery lettuce. It forms very large heads, the outer leaves brown and the heart being yellow. Pkt. 5c; oz. 10c; lb. \$1.

**Denver Market.** A handsome variety, forming tight, conical heads. The leaves are very deeply savoyed, and even the outside leaves are tender and crisp. Color is light green. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

### LOOSE HEADING VARIETIES

**Black Seeded Simpson.** This is a very popular variety as a loose leaf lettuce. The leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for under glass as well as for early outdoor planting. As this kind varies when growing we have our stock seed all hand picked. Lb. \$1.00; ¼ lb. 30c; oz. 10c; pkt. 5c.

**Prize Head.** This excellent lettuce has no superior, having tried it once you will want it again. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Grand Rapids.** A loose leaf, very early forcing variety; very popular for growing in cold frames or under glass. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Early Curled Simpson.** One of the best early sorts. The leaves tend to produce a large loose head, beautifully crimped. Pkt. 5c; oz. 10c ¼ lb. 30c; lb. \$1.00.

### COS LETTUCE OR ROMAINE

These Lettuces have a distinct upright habit and are considered by many to be the highest quality of all lettuces. Very crisp and sweet.

**Paris White Cos.** Grows to large size. Self-closing. Pkt. 5c; oz. 10c; ¼ lb. 40c; lb. \$1.10.

**Trinnon Cos.** Similar to above, but grows whiter and matures earlier. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Giant White Cos.** Grows about ten inches high, the outer leaves fold well toward the center. The inner leaves are blanched quite white; very crisp and mild. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

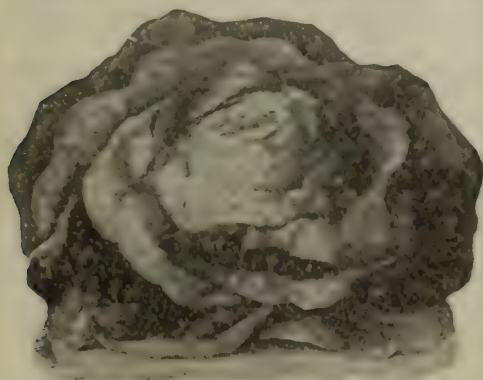
### KOHL RABI

**Culture.** Plant and treat like cabbage. Seed may be sown from July to following April. An ounce of seed will produce 2,000 plants.

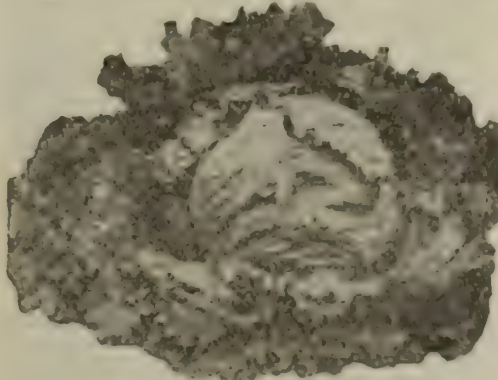
**Early White Vienna.** The earliest sort, very tender, excellent for table use. Pkt. 5c; per oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Early Purple Vienna.** Similar to above but has flesh of a purple color. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Goliath (New).** An improved white variety, grows quickly to a large size and is very tender and sweet. Pkt. 5c; oz. 25c.



Lettuce Brown Dutch.



Lettuce Iceberg



# MUSK MELON

**Note**—Melons require a strong fertile soil. The better condition you have your land the better melons you get. We earnestly recommend the sowing of a cover crop for the upbuilding of your soil. In the Fall after the first rain, plow and harrow your ground and sow one of the cover crops or better yet, plant Yorkshire Hero Peas and pick the first crop or two for market then plow the green vines in deep. This will give nitrogen and humus to your soil in an available condition from which your melons will draw their nourishment the following season.

**Culture.** Sow in hills six feet apart in rows eight feet apart. Drop about twenty seed to the hill; cover one inch deep. Apply Tobacco Dust before the plant appears above the ground, to keep away beetles. When the young plants begin showing character thin each hill to three strongest plants.

**California Beauty.** Fruits of large size, well flattened, heavily ribbed and netted. Of very handsome appearance and fine quality. Most highly recommended; it ripens as early and is similar to Hackensack, but superior. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Champion Market.** A splendid variety of the Netted Gem type, producing fruit nearly three times as large as the original Gem or "Rocky Ford." The melons are regular in form, nearly round, averaging eight inches in diameter, with heavy well-netted ribs, thick light-green flesh, with very thin rind and true Netted Gem flavor. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Columbus.** A medium sized, heavily netted round melon without ribs. The flesh is thick and of fine flavor with the small seed cavity. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Extra Early Hackensack.** Sometimes called Turk's Cap. A large round melon flattened at the end and well ribbed. The skin is deeply netted; flesh is green and of a delicate flavor. Pkt. 5c; oz. 15c; lb. \$1.25.

**Gautier's Pineapple** has been the leading muskmelon on the local market for several years and will, no doubt, hold that position for some time, as it is certainly one of the best melons for size, shape and appearance yet produced, and when raised under proper conditions is of fine texture and flavor. Our stock of seed was thoroughly tested last year, and we can stand back of it with our quality standard. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Jenny Lind.** Very solid and sweet flavor; heavily netted and deeply ribbed. Last summer this melon sold on the local market more readily than the Rocky Ford, bringing a higher price.

## MUSKMELONS

### BURRELL'S GEM CANTALOUPE

Delicious flavor. Flesh golden and very thick, fine grained. Uniform in size and weight. An ideal market variety. Shape slightly elongated; meat very thick, fine grained and spicy, not containing too much water or acid. Seed cavity small, triangular, with seed held closely in place in three lobes. This is one of the first points to consider in shipping melons. The average weight is two and one-half pounds; uniform length about six inches, and the thickness four and one-half inches.

Not only is this an excellent shipping melon, but for quality it is excellent and very satisfactory for the amateur grower for home use.

Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Just the thing for restaurants. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Large Green Nutmeg.** An excellent melon for the grower and the shipper. Similar to the Hackensack in shape. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Model.** The melon that the market men have been trying to get for several years, but with almost no success, except by those who procured the original strain from the originators several years ago. We were fortunate enough to get into the good graces of one of the original purchasers of this excellent melon and are now the possessors of several hundred pounds of seed, and we are proud that we are able to offer a genuine article like this to our friends. The Model is a medium sized melon, nearly twice as large as the Rocky Ford, oval shape with solid ends, which gives it good keeping qualities. The meat is thick, light green, sweet and spicy. Its good keeping qualities makes the Model a favorite with the storekeepers and its fine flavor and appearance makes it a favorite with the housekeeper. Our price for this Model Melon is no doubt higher than that of our competitors, but we assure our patrons that the quality is in our seeds. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Montreal Market.** A large-fruited variety, nearly globular with flattened ends. Skin dark green; heavily netted. Flesh light green. Pkt. 5c; oz. 15c.

**Netted Rock.** This melon is from careful selection of the Rockyford types. It is of the same size, but of better quality, flavor and much superior for shipping purposes. The Netted Rock is heavily netted and with but slight indications of ribs. The meat is very deep, light green, fine grained, spicy and sweet. The cavity is small and the seed almost completely fill it, so that there is little chance of decay in shipment from the loosening of the seeds. This melon is grown more than any other by the large shippers of California and Colorado. Write for special price on large quantities. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Original Osage.** This distinct, large salmon-fleshed, high-quality table melon is well known the country over under its own name, and becomes more and more so each year. It is liked everywhere and each season finds an increased sale. Pkt. 5c; oz. 10c; lb. \$1.25.

**Paul Rose.** A very heavy cropper, ripening an enormous number of fruits. The flesh is salmon color, very deep, and of fine melting character with thin rind and small seed cavity. Pkt. 5c; oz. 15c; lb. \$1.25.

**Rockyford.** It is a small early melon; flesh is deep and thick and light green in color, except next to the seed where it inclines toward yellow. The flavor is exceedingly fine. Wide favor as a market melon. Our stock is all Colorado grown; best we can get. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Tip Top.** Selected stock. A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow fleshed melon of the very best quality; every melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy of finest flavor, edible to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

## CASABA VARIETIES

**Armenian.** A fine melon of delicious flavor between the Hybrid Casaba and muskmelon. The Armenian melon was brought here from the Holy Land by parties traveling there who were favorably impressed

with its excellent flavor and good appearance. It has the shape of the Montreal Market, lightly netted with a dark green skin but with the keeping qualities of the Casabas. We can fully recommend this melon and advise a trial of it at least. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

**White African** is a Casaba that won some popularity last year. It has a hard white rind, which makes the melon a good keeper. The flesh is almost white and excellent flavor. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

**White's Favorite.** A round yellow rind Summer Casaba of considerable merit. Earlier than the other Casaba and is handled the same as Muskmelons. Pkt. 10c; oz. 30c; ¼ lb. 1.00; lb. 3.00.

**Summer Casaba** is the earliest one of the casabas to ripen. Is oblong in shape and of yellow color. The flesh is nearly white with a delicious melting flavor. This melon is fine for the home garden, but is not particularly a favorite with the gardeners. Pkt. 5c; oz. 10c; lb. \$1.

**Christmas or Santa Claus.** This is the oblong mottled melon, which has become so popular throughout the southwest. It is being shipped all over the United States during late fall and winter months. The rind or shell is hard and about one-eighth of an inch thick. The flesh is light green in color and of a deliciously juicy flavor. There is no seed cavity, the seeds are in a thick pulp which is a continuation of the flesh. Do not pick this melon before it is ripe if you want to get the best flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Genoa or Italian Melon.** This melon has a dark green rind. The flesh is a fine texture, delicious flavor and has a spicy aroma. It is a good keeper. Plant from May to August 1st. Harvest October to December. Pkt. 15c; oz. 25c; ¼ lb. 90c; lb. \$3.00.

**Golden Beauty.** This Melon is very similar to the Winter Pineapple except that it has a golden yellow rind. A fine keeper and shipper. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

## SPECIAL SELECT CASABAS

**Winter Pineapple.** This is the original variety of the Casaba (and has been a favorite ever since) first grown here. It is the wrinkled green one with somewhat of a cucumber flavor. It is being used very extensively for shipping East for the holiday and winter trade. When well packed with straw in crates they arrive at destination in fine condition. Pkt. 10c; oz. 20c; lb. \$2.50.

**Hybrid Casaba.** This is with the Old Summer the largest of all the Casabas, attaining 16 to 18 lbs. Outside it is a pale green in color and heavily ribbed and wrinkled. The flesh is creamy white in color and from two to three in ches in thickness. The meat simply melts in your mouth. We have a select strain of this seed. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Improved Hybrid.** This melon is not as large as the hybrid Casaba and has a deep green color outside. This is the par excellence of the Casabas.

This being the best of this variety we have taken extra pains to procure an extra select strain of this seed. Our Mr. Reichard was on the ground to oversee the full process of harvesting these seeds, and we can assure you that you are getting the genuine article in this stock. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Ordinary strain at \$2 per lb.





Klondyke or Pasadena

## WATERMELON

**Culture.** As soon as the weather becomes settled and warm, select soil and manure as recommended for muskmelons. Plant in hills six or eight feet apart, six to ten seeds; one inch deep and thin to three best plants.

**Klondyke or Pasadena.** Has certainly won favor in the San Gabriel Valley, but seemed to have failed in the coast melon district. This melon is oblong, of dark green rind with bright red flesh, very crisp, and as sweet as sugar. This melon has taken the market at Pasadena and other foothill towns. Pkt. 10c; oz. 20c; lb. \$2.00.

**Alabama Sweet.** This is a very popular variety in the South where they grow it in preference to any other melon. In shape it is long, color dark green, flesh red and absolutely stringless. Pkt. 5c; oz. 10; lb. 75c.

**Angelino.** Is a cross from the famous Chilian. It is somewhat larger in size than the parent, but of equally as good shipping and eating qualities. The Angelino is an unusually heavy cropper. Its very dark green glossy skin in contrast with its dark red crisp flesh makes it a most tempting looking melon. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Florida Favorite.** A favorite in San Joaquin Valley; fine, large, very fine flavored. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Black Diamond.** Medium in size, round, black seeded, red flesh, thin rind, small vine. Will admit of closer planting than other varieties. Of the best quality. Oz. 10c; lb. 75c.

**Kleckley's Sweet.** One of the finest melons on the market. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Kolb's Gem.** A very heavy yielder. Large and fine shipper. Pkt. 5c; oz. 10c; lb. 75c.

**Improved Kolb's Gem.** A very heavy yielder. Large and fine shipper. Pkt. 5c; oz. 10c; lb. 75c.

**True Ice Cream.** Yellow fleshed. The great home market melon. It has too thin a rind for shipping unless packed in straw. Few, if any, surpass a True Ice Cream for quality and productiveness. Lb. \$1.50; ¼ lb. 45c; oz. 20c; pkt. 5c.

**Philippino.** This is one of the finest melons the writer ever tasted, the rind so thin and the meat so crisp that with very little handling the melon bursts open. It is a fine melon for the home gardener. Pkt. 5c; oz. 10c; lb. \$1.00.

**Georgia Rattlesnake.** One of the oldest and most popular sorts and fre-

quently known as **Gypsy.** A large oblong variety with decided stripes, of light and deep green. Rind is tough, but flesh is of good quality and bright red; a good shipping and market melon. Is quite as generally used by the large melon growers as Kleckley Sweets and is more profitable, being very easily grown. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Tom Watson. (New).** A Watermelon of superior shipping qualities with all the good points of a home garden Melon. Tough thin dark mottled green rind, bright red flesh, which is deliciously crisp and tender. The mature melons weigh from 40 to 60 pounds and are from 18 to 24 inches long. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

## CHILIAN VARIETIES

**Black Seeded Chilian.** A variety brought from South America several years ago. It originally had black seed, but like other black seeded melons grown in this section, continually, the seeds have become almost entirely white. The black-seeded Chilian is much earlier than the other strains and seems to have a better flavor, and it certainly is a much prettier melon when cut open. We have procured some black seeded Chilian seed grown from the original stock, with the yellow belly, and we know all who try it will be well satisfied. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Red Seeded Chilian.** A fine strain of this melon and much sought. Pkt. 5c; oz. 10c; lb. \$1.00.

**White Seeded Chilian.** The strain mostly grown, and a great favorite with the commercial growers. This we have in extra selected stock at 10c per pkt; 15c per oz; or good ordinary stock, Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

**Yellow Bellied Chilian.** This has white seed but is most nearly like the original black seeded strain; it is very sweet and crisp; with a thin rind and very early, within a few days of being as early as the original. Pkt. 5c; oz. 10c; lb. \$1.00.

## CITRON

**Citron, Red Seeded.** A small, globular variety, striped and marbled with light green. Flesh white and solid; seeds red. Used exclusively for pickles and preserves. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Citron, Green Seeded or Colorado Preserving.** An oblong dull green variety about eighteen inches long. The flesh is green with green seeds and is used largely for stock feeding. A common plan is to split them open

with an axe and feed them to cattle in the field. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

## MUSHROOM SPAWN

It is a well known fact that the Mushroom spawn produced for a long time by the ordinary method of propagation manifests in the long run a progressive degeneration, which leads to the diminished market value of the crops and eventually to a cessation of production.

The idea of raising virgin spawn, by sowing the spores of the best Mushrooms, has occurred to many minds, but all endeavors remained fruitless until Dr. Repin, after countless experiments, has succeeded in producing virgin spawn at will. The Virgin Spawn, now manufactured according to Dr. Repin's process, is characterized by its great vigor of growth, and being raised from spores of the healthiest Mushrooms only, it is entirely free from noxious bacterial organisms, which are often prevalent in spawn that has not been sterilized by this new process. It is therefore not so liable to be attacked by diseases, a consideration which does away with one of the great drawbacks in mushroom growing.

Before using the tablets, they should, as usual, be revived, for which purpose, after having been slightly moistened on both sides, they should be laid out in a moist, moderately warm place, say eventually on the prepared beds themselves or between two beds. In 5 or 8 days the tablets should be ready for use, which can be ascertained by the unctuous and fatty touch they will have when pressed between the fingers, as also by the characteristic smell of mushrooms that will be readily noticed if the tablets be slightly opened so as to lay bare a small portion of the interior.

Each tablet should then be split into two or three parts, each part being used separate and set into the bed in such a manner that the surface which was inside the tablet and which has just been laid open, comes into intimate touch with the prepared manure. A rapid and even growth of the spawn through the whole bed is thus efficiently secured. Five tablets suffice for one square yard of bed surface.

**Tablet of Vilmorin's New Virgin Mushroom Spawn**

The Virgin Spawn is sold in the form of compressed slabs or tablets, of handy size, thoroughly pervaded by the spores. One hundred tablets weigh about 18 pounds.

One tablet 15c; 6 tablets 65c; 11 tablets \$1.00. Add 2c per tablet for postage.

**Cultural Directions—**(A small pamphlet) 5c each.

## ENGLISH MUSHROOM SPAWN

This is the best English make. Our manufacturer is the oldest Mushroom grower in England and the largest in the world. It is far superior to the old English Milltrack Spawn, being made from carefully grown selected specimens. It comes in pressed bricks weighing almost 20 ounces. They are broken into pieces the size of a walnut and put sidewise in the beds eight inches apart each way. Price, per brick, 25c; add 15c per brick for postage.

## "GARDEN CITY" PURE CULTURE SPAWN

Formerly all Mushroom Spawn was obtained in the spore (seed state) from wild Mushrooms. By scientific research spawn makers now produce Spawn from select Mushrooms from their own cultivated beds. Moreover, the bricks of Spawn are now inoculated directly from the test tube cultures, thus producing a much stronger and quicker growth, both in the brick and in the planted beds. **Garden City Pure Culture Tissue Spawn** has met with immense success, in many places the yields being nearly twice what they formerly had. Price per brick, 25c; 6 bricks \$1.25. Add 15c a brick for postage.





Mammoth Silver King



Australian Brown

## ONIONS

**Culture.** The most common method of culture is to drill seed thick in the rows quite shallow, and rows from 18 to 24 inches apart. After plants are as large as pencils thin out to about three to five inches, according to the variety, transplanting those taken out to about the same distance, after cutting back the tops and roots. Or they can be grown thickly in beds and transplanted to rows. Can be sown any time of the year, and really there is no excuse why fresh onions cannot be had every day in the year. For early onions in the Spring, plant sets during the Fall, which mature much more quickly than from seed. Beware of cheap quotations on this seed, as much inferior stock with poor germination is offered, some many years old. Our stock is fresh and of very highest quality and germination.

**Ailsa Craig.** This onion has been known in England for several years, where it has been taking prizes continually for its fine appearance, size, shape, flavor and long-keeping qualities. The Ailsa Craig is highly recommended by all government experimental stations that have grown it. In fact, it was upon the strong recommendations

of Mr. Mansell, of the University Experimental grounds at Berkeley, that we sent to headquarters in England for the seed of this onion, which is soon to take the lead as our main crop onion. It is of a deep yellow color outside, pure white inside; with good care it will grow larger than the Prizetaker. Globe shaped. Pkt. 10c; oz. 35c; ¼ lb. \$1; lb. \$3.50.

**Australian Brown.** Of small size but the greatest keeper yet introduced. If planted on a good soil and properly cared for, this crop will bring more money than any other variety. Oz. 20c; ¼ lb. 50c; lb. \$1.75.

**Australian Yellow Globe.** The onions are globe shaped and almost uniformly thin necked. The flesh is very solid, crisp, pure white, and of sweet, mild flavor. It is very early and for excellent keeping quality it equals our famous Australian Brown. The coloring is rather richer than that of the popular Southern Yellow Globe. Pkt. 5c; oz. 25c; lb. \$2.50.

**The Three Bermudas.** Probably more excitement has come from the commercial growing of these varieties South than any other variety. Planting generally in August and harvesting early in February. Large fortunes have been made in shipping these to Northern markets. The Red was first to appear, then came the white, which is really a "yellow". Two or three years ago "Crystal Wax," a pure white, made its appearance, and is considered superior to all other varieties.

**White Bermuda.** While this is called white, it is really a straw color. Pkt. 10c; oz. 50c; ¼ lb. \$1.25.

**Red Bermuda.** A very early variety of dull red—flat. Very productive. Pkt. 10c; oz. 40c; ¼ lb. \$1.00.

**Crystal Wax.** White Bermuda. A very large silver skin variety; very productive and is grown in great quantities. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; lb. \$4.50.

**Early White Queen.** One of the early Spring varieties; medium size and very mild in flavor. Pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.25.

**Early White Welsh Onion** (for green onions) This kind does not form a bulb but is one of the best kinds for "green onions." The plants are perennial and can remain in the ground for years with but slight protection. This is the sweetest of all onions. Pkt. 10c; ½ oz. 15c; oz. 25c; 2 oz. 40c; ¼ lb. 60c.

**Giant Rocca.** A fine large globe shaped onion, almost pure white. Pkt. 5c; oz. 25c; lb. \$2.50.

**Large Red Wethersfield.** Large size; of deep red. An old standard variety. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.

**Mammoth Silver King.** A large variety of the "silver skin" kind. Very mild and a fine table variety; good cropper and matures quickly. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.

**Southport White Globe.** A pure white globe shaped variety. Forms handsome hard onions with wax-like pearl-white flesh. Is used a great deal for green onions owing to the

clear white stem. Pkt. 5c; oz. 35c; ¼ lb. \$1; lb. \$3.

**Prizetaker.** A beautiful variety of large size; rich yellow color. Pkt. 5c; oz. 20c; lb. \$2.

**White Italian Tripoli.** A large, flat-shaped variety, with clear, white skin and pearl-white flesh. Of mild, sweet flavor. Not a good keeping onion, but much esteemed as a garden variety. Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.

**White Portugal, or Silverskin.** The best known and most largely used white onion. Is flat on the bottom and thick toward the top. Very hard and firm and an excellent keeper. Is largely used for white onion sets as well as for market onions and pickles. Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$3.

**Globe Danvers Onion Special.** We have had grown for us by an expert grower, Yellow Globe Danver Onion which is absolutely the best grown in California today. The bulbs for this seed is the selection of five successive years. The bulbs used this year for seed averaged one-half pound each. We earnestly advise this. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Yellow Danver.** Flat. Similar to above except being flat. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

**White Bunching.** This is an onion with a large neck especially used for young green onions, mild and sweet. Pkt. 5c; oz. 15c; lb. \$1.50.

## ONION SETS

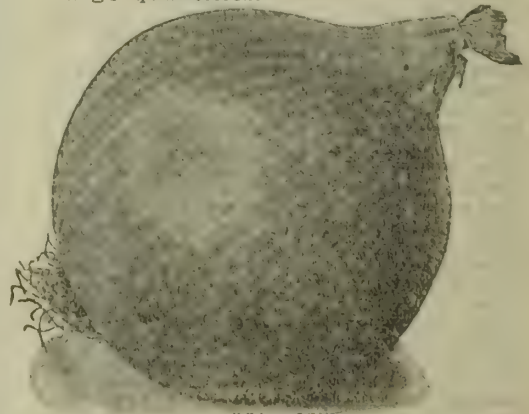
Plant near the surface, in rows 12 inches apart and 4 inches between the sets. When raised from sets, the onions can be used in the green state or may be ripened off for large onions, in which case they are fully six weeks earlier than when raised from seed. Prices are subject to market fluctuations as the season advances.

**Onion Sets.** Can be furnished nearly the year round. Yellows and browns from Sept. to July. Silverskins from Sept. to April. 30c per lb. postpaid. By express or freight 20c per lb. Ask for prices on large quantities.

**Bermuda Sets.** White and Crystal Wax can be supplied from June 15 to Oct. 30c per lb. postpaid. By express or freight 20c per lb. Special prices on large quantities.



White Bunching Onion



Ailsa Craig



## LEEK

**Culture.** Sow in drills one foot apart, half inch deep in light rich soil; transplant when large as pencil, to 10 inches in the row. One ounce of seed to 100 feet of drill.

**Large Musselburgh.** A very large growing variety, and a favorite with many. Pkt. 5c; oz. 20c; lb. \$2.00.

**Monstrous Carentan.** A fine variety with dark colored leaves. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

## GARLIC

**Garlic.** Lb. 20c. Larger quantities are furnished at prevailing market prices. Please write for quotations.

## MULTIPLIERS

**White and Brown.** Produce a large cluster of small to medium sized onions from a single bulb. Lb. 35c.

## MUSTARD

**Culture.** Sow the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow fifty feet of row.

**Giant Southern Curled.** Large variety forming a great mass of the beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**White English.** Light green variety tender leaves. Seed light yellow. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

**Chinese.** The leaves are twice the size or the ordinary White Mustard, while the flavor is sweet and pungent. Per pkt. 5c; oz. 10c; lb. 60c.

**Ostrich Plume or Fordhook Fancy.** The plants, of vigorous growth, have beautiful dark green leaves which curve outwardly like a fine ostrich plume. Even those who do not care for mustard as a piquant salad will be delighted with the leaves of Fordhook Fancy, cooked like spinach, any time during the summer. It is even superior to the best spinach in flavor. Try it. Per pkt. 5c; per oz. 10c; ¼ lb. 30c; lb. \$1, postpaid.

## OKRA

**Culture.** Soak the seeds over night in warm water and plant in warm, moist loamy soil. Do not wet the bed again until the plants are up. Keep well cultivated. One ounce will plant 100 hills. Four pounds to one acre. Give each plant twenty-four inches each way.

**Dwarf Green Prolific, or Density.** A distinct variety growing about 14 inches in height; very productive; of fine smooth pods. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c.

**White Velvet.** This distinct and beautiful new Okra was originated in Georgia. The pods are very large, perfectly smooth, never prickly, round; not ridged or square as in other okras. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c.

## PARSLEY

Sow the seed in moist loamy soil. Thin the plants to six inches apart in row or transplant to that distance. One ounce will produce about 600 plants.

Best results can be obtained by sowing parsley seed after December 1st and up to June 1st. When planted during Summer and Fall, it is liable to run to seed quickly.

**Champion Moss Curled.** Extra dark leaves. Leaves crimped and curled. Pkt. 5c; oz. 15c; lb. \$1.25.

**Emerald or Dwarf Extra Curled.** Leaves tender, beautifully crimped, handsome, bright green in color; very ornamental. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Extra Doubled Curled.** An old curled variety for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Hamburg, or Turnip Rooted.** A plain-leaved variety, forming a long, thick, edible root. Pkt. 5c; oz. 10c; ¼ lb. 30c.

**Plain or Single.** A very hardy variety, resembling a wild plant. The leaves are flat and not curled. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

## PEPPER

**Culture.** Seed may be sown from January to April in frames. When the weather is favorable, transplant into the open ground, in warm, mellow soil, in rows 24 inches apart, and 12 inches apart in the row. Wet roots well after transplanting. One ounce of seed will produce 1500 plants.

In frostless districts for winter Pepper start the seed in August, and set in the field in December and January.

**Anselm Chili.** This is the pepper so well known locally. We have produced at extra cost, a superior strain of this seed. It is greatly superior to the common Chili. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Chinese Giant.** The largest of the Bull-nose type. Fully twice as large as the popular Bell. Very mild, thick meat with large cavity for stuffing. We have procured, at extra time and expense, what we believe to be the best strain of Chinese Giant seed ever

offered. The whole field from which our seed was taken was unusually good and our seed was taken only from the larger and more perfect peppers. We conscientiously recommend this to our patrons. Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.

**Cayenne.** A long slim pod, rather pointed, and when ripe a bright red color. Extremely strong and pungent. Pkt. 5c; oz. 25c.

**Large Bell or Bull Nose.** A very large sort of inverted bell shape. Flesh thick, hard and less pungent than most other sorts. Most popular size for stuffing. Lb. \$2.50; ¼ lb. 75c; oz. 25c; pkt. 5c.

**The Monstrosity.** The largest of all bell peppers. Very mild. Should prove a money maker. Pkt. 10c; oz. 50c.

**Mexican Chili.** The old well known variety. Very hot. Oz. 10c; lb. \$1.50.

**Neapolitan.** A pepper of considerable merit. It comes early, has a good thick meat and is very mild. The Neapolitan has the form of the Ruby King but of finer appearance. Pkt. 10c; oz. 40c; lb. \$4.

**Sweet Spanish.** One of the largest and earliest varieties; flesh is mild and sweet. Pkt. 5c; oz. 25c.

**Ruby King (True).** A great Bell pepper of deep shiny red color, the fruit looking as though it might have been varnished. Pkt. 5c; oz. 25c; ¼ lb. 90c; lb. \$3.

Above we have given a list of the more important peppers. We also carry a full list of the small hot and yellow varieties such as Birds Eye, Cherry, Golden Dawn, etc., at 5c per pkt. Ask for prices on larger quantities.

## PARSNIPS

**Culture.** Sow from September to following May in drills 15 inches apart, covering ½ inch deep. When well up, thin out to 5 or 6 in the row. The seed is slow to germinate, hence should be sown in soil that holds moisture well. One ounce to 200 feet of row. Five pounds to an acre.

**Guernsey.** This parsnip is the most popular with our market gardeners. It is scarcely more than half as long as the Hollow Crown, but is often three inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Hollow Crown.** The most popular and best variety for all purposes. Skin smooth and white, and flesh tender, while the root grows eighteen to twenty inches long. The best part of it is contained in the first eight inches from the top. It is particularly fine, smooth and regular. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.



Large Bell

Chinese Giant

Ruby King



## PUMPKIN

**Culture.** Plant five to seven seed in hills 8 to 10 feet apart each way, after all danger from frost is over; June is the best month. Be sure to get the seed into damp ground. Keep well cultivated to keep weeds out and to retain moisture. One and one-half pounds will plant one acre.

**California Mammoth.** This is the large pumpkin so well known locally. As many as 20 tons have been taken from one acre. A single pumpkin often attains 200 lbs. Pkt. 5c; lb. 40c; by mail 50c.

**Cashaw or Crookneck.** Productive, color light cream. A good keeper; fine for pumpkin pie, sweet in flavor. Per pkt. 5c; oz. 10c; lb. 75c.

**Etempes.** A mammoth pumpkin, red rind, flat and heavily corrugated. The meat is very thick and sweet; used extensively by canners for Pie Pumpkin. An excellent stock variety also; very heavy yielder. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 80c.

**Japanese Pie Pumpkin.** Similar to the Cashaw in size. Nothing better for pies. Pkt. 5c; oz. 10c; lb. 75c.

**Large Cheese.** Size very large, hardy and productive. Of fine grain and excellent flavor. Pkt. 5c; oz. 10c; lb. 50c.

**Mammoth Tours.** Its prolific propensity makes it a favorite wherever it is introduced. Do not fail to try it. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.

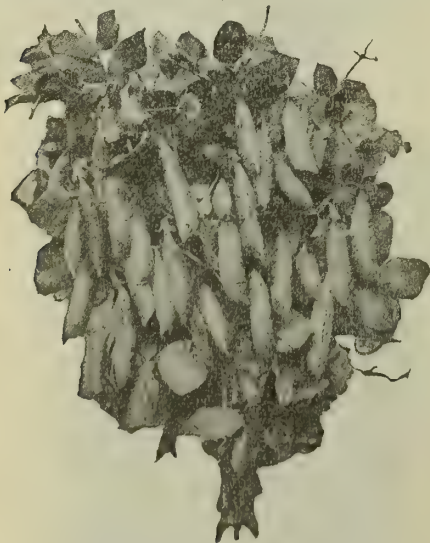
**Quaker Pie.** A most prolific variety. The fruits are broad, pear-shaped to slightly oval in form. Rich creamy-buff skin; flesh very fine grained and rich in flavor. Stored in a cool dry place it is an excellent keeper. Pkt. 5c; oz. 10c; lb. 75c.

**Sugar or Boston Pie.** A small, handsome variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Famous in Boston as a pie pumpkin. Per pkt. 5c; oz. 10c; lb. 75c.

**Yankee Field Pumpkin.** This valuable pumpkin will be found a great boon to farmers with dairies, large or small. It is a most excellent keeper and will be sure wealth to all who grow and feed it liberally. Pkt. 5c; oz. 10c; lb. 60c.

## PEAS

**Culture.** May be sown in California the year round. Sow in rows from 2½ to 3 feet apart, according to the va-



American Wonder Pea

riety. 50 to 60 pounds to the acre. Sulphur just as they begin to bloom, then at intervals of a week or ten days will prevent mildew and also keep aphids away. When ordered by mail add 10c per lb. Sulphur at least three times.

PEAS will be sent by express or freight, charges collect, provided 10

cents per lb. is not enclosed for postage.

Ask for prices on large quantities.  
**Marrowfat.** A very early, tall variety, with smooth, small peas of good quality and short, well-filled pods. Its fruit ripens practically all at one time, and is very popular with canners, who always desire to make but one cutting. Pkt. 5c; lb. 25c postpaid. By express or freight, lb. 15c; 10 lbs. \$1.25.

**American Wonder.** The earliest of all wrinkled peas. Of dwarf habit, growing from 9 to 12 inches. Pkt. 5c; lb. 40c, postpaid; by express or freight, lb. 30c; 10 lbs. \$2.50.

**Gradus, or Prosperity.** This is the earliest large podded pea in cultivation. The peas are of the most superior quality, both in size and delicious flavor. Pkt. 10c; lb. 45c, postpaid; by express or freight, lb. 35c; 10 lbs. \$3.



Yorkshire Hero Pea

**Nott's Excelsior.** Although a few days later than the American Wonder, the pods will average fully one-third larger. Pkt. 5c; lb. 40c, postpaid. By express or freight, lb. 30c; 10 lbs. \$2.50.

**Premium Gem.** This is a very desirable extra early dwarf wrinkled variety. Pkt. 5c; lb. 35c, postpaid. By express or freight, lb. 25c; 10 lbs. \$2.50.

**Telephone.** A fine, tall variety; immensely productive. Pkt. 5c; lb. 40c postpaid. By Express or freight, lb. 30c; 10 lbs., \$2.50.

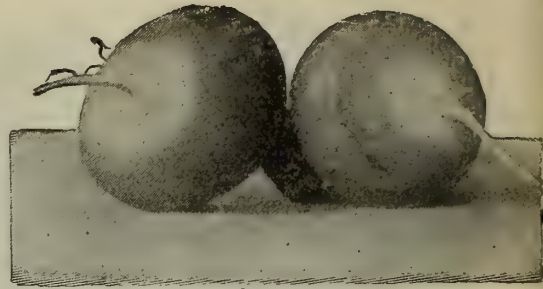
**Yorkshire Hero.** The most popular market pea in this section. Abundant cropper and excellent in quality. Pkt. 5c; lb. 30c postpaid. By express or freight, lb. 20c; 10 lbs. \$1.75.

**Dwarf Gray or Sugar.** (Edible pods). Of extraordinary yielding qualities. Unsurpassed as an edible podded variety. Height 2 feet. Pkt. 5c; lb. 35c, postpaid.

## RADISHES

Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly they become tough and pithy. They are easy to grow and frequent plantings will insure a constant supply for the table. Use 1 oz. for 100 feet or row, 10 lbs. to acre, and thin the very young plants somewhat to prevent crowding. Plant the year round in California.

**California Mammoth White Winter.**—The well known and popular winter variety. Clear white, about 6 inches long and half stump-rooted. Keeps firm and crisp until it runs to seed. Is a good cooking variety and when cooked the flavor resembles turnip. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c.



Crimson Globe Radish

**China Rose Winter.** A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from bright red at the top to almost pure white at the tip. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

**"Crimson Giant" or Wurzbürger Forcing.** This new radish is an entirely new type, and differs radically from all the varieties hitherto in cultivation. In so far as its roots attain more than double the size of those of other forcing varieties, without getting pithy or hollow. This giant radish develops roots of 6 to 7 inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor, but notwithstanding the extraordinary size and weight of its bulbs it is second to none as a forcing variety. It is equally well adapted to outside culture. The seed should be sown very thinly to permit full development of the roots. Pkt. 5c; ¼ lb. 30c; lb. \$1.

**Black Spanish Winter, Long.** Grows to a large size, of oblong shape; quite solid. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Round Black Spanish.** Skin black, flesh white, of firm texture. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Early Long Scarlet Short Top.** Roots long, pinkish color; flesh white and crisp. Pkt. 5c; oz. 10c; lb. 60c.

**Early Scarlet Turnip (Selected Stock)** The finest strain of this most popular variety, the handsomely colored roots are most attractive in appearance; they are ready in about 25 days, crisp, brittle and of choicest quality. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

**Scarlet Turnip, White Tip.** The earliest of all radishes. Bright scarlet color with white circle just above and including the slender tap root. Very sweet and crisp. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

**Improved Early Scarlet Globe.** A desirable sort for hot-bed forcing and outdoors; very early, mild and crisp juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive radishes on account of its bright scarlet color and handsome shape, is ready in 28 days. Our stock of this is the very best selected with special care as to size, shape, color and earliness, and market gardeners will find it a money maker, as it is just right in every respect. Price, pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c.

**French Breakfast.** A fine early variety, olive-shaped; scarlet body with white tips. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Japanese Mikado Radish.** A fine variety for late summer planting. "The sweetest radish I ever ate." Long white and very crisp. Pkt. 5c; oz. 15c; lb. \$1.50.

**Japanese Long Summer.** Similar to the Mikado Radish but smaller and grows entirely in the ground with the leaves spreading out flat. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.

**Scarlet Olive-Shaped.** Oval; very early and handsome; flesh rose-colored tender and brittle. Pkt. 5c; oz. 10c; lb. 75c.

**White Strasburg.** One of the most valuable summer radishes. Pkt. 5c; oz. 10c; lb. 75c.

**Long White Icicle.** In form half-long, pure white and very crisp. Very quick in growth and of delicious flavor. Pkt. 5c; oz. 10c; lb. 75c.



## RHUBARB or Pie Plant

**Culture.** Sow the seed early in the spring in drills one foot apart, thinning out the young plants to four inches. The following spring transplant into deep rich soil, from three to four feet apart. For immediate use, order the roots, which come into use at once. One ounce of seed will make 200 plants.

**Monarch.** The largest and one of the best. Pkt. 5c; oz. 20c; lb. \$1.50.

**Victoria.** A large, quick growing variety of fine flavor. Come quite true from seed. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

**Burbank's Winter Crimson.** This is more hardy than the other varieties and is therefore desirable for a winter rhubarb, as it will thrive all winter in this climate. The seed is very scarce. Per pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

**Burbank Winter Roots.** Each 10c; doz. \$1.

Ask for special price on large quantity.

**Early Raspberry.** This is another of the standard varieties which has been grown for years. The stems are red and of a delicious raspberry flavor. Pkt. 5c; oz. 30c.

**Champagne.** Has been a favorite in this country and in Europe for years and is a fine variety for the home garden. Pkt. 5c; oz. 30c.

**Cyclope.** This Rhubarb is a new European production and has proved a great success. It is of an enormous size, often attaining a weight of four pounds to a single stem. Cyclope is the heaviest yielder yet introduced. Pkt. 25c.

### ROSELLE

**The Lemonade Plant of Queensland.** It is an annual plant that has been sufficiently tested to indicate its great food value, and to warrant more extended cultivation. The fruit resembles the scarlet potted okra and is used for making jelly and jam. It is easily grown from seed; grows rapidly and resists drought and very ornamental. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

## SALSIFY--Vegetable Oyster

**Culture.** Sow the seed early in the Spring in drills one foot apart and one inch deep, thinning out plants to 4 inches. It succeeds best in well enriched soil. One ounce of seed for 50 feet of drill.

**Long White.** A favorite market variety, and the best flavored. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.

**Mammoth Sandwich Island.** A larger and superior variety, mild and deliciously flavored. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

## SPINACH

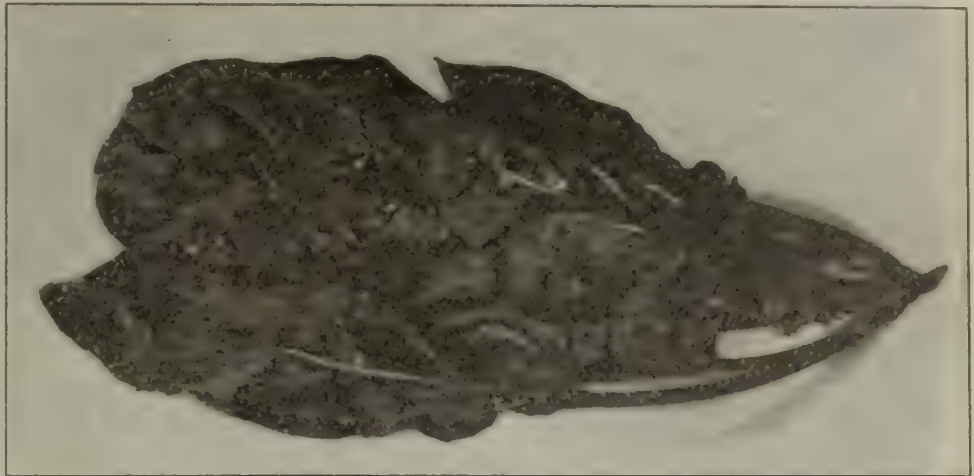
**Culture.** Sow in drills one foot apart, and for succession, every two weeks, as it grows thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 100 feet of drill. Ten pounds to the acre.

All varieties. Pkt. 5c.

**Amsterdam Giant.** An excellent new variety with unusually large leaves of the Prickly type but thicker. The best we have seen in Spinach yet. Pkt. 5c; oz. 10c; lb. 60c.

**Bloodsdales Savory-leaved.** The earliest variety of upright growth; fine large, tender crinkled leaves. Grows quick but will not stand long. Oz. 10c; lb. 50c.

**Broad leaf Flanders.** An excellent



Amsterdam Giant Spinach

long, wide-leaved summer variety, standing long before running to seed. Oz. 10c; lb. 50c.

**Long Standing.** A good sort for the market garden, as it is much slower in going to seed than the other varieties. Oz. 10c; lb. 50c.

**Monstrous Viroflay.** Probably the best of all for summer planting. Pkt. 5c; oz. 10c; lb. 50c.

**New Zealand.** Perennial Spinach; can be grown the year round. Why don't you try some of this? It produces spinach summer and winter. Pkt. 5c; oz. 15c; lb. \$1.

**Prickly Seeded.** The hardiest of all and the most popular with the market gardeners. Oz. 10c; lb. 50c.

**Round Summer.** Leaves large, thick and fleshy. Oz. 10c; lb. 50c.

**Summer Success.** This variety has been tried out both in this country and in Europe and has been found especially adapted to summer growth and particularly well suited to conditions in the southwest. The leaves are oblong and smooth with fine, deep green color. Pkt. 5c; oz. 10c; lb. 60c.

## SQUASH

**Culture.** Plant 5 to 7 seeds in each hill. Have the ground well worked and get the seed into the damp soil. Bush varieties have the hills 4 feet apart and vining varieties have the hills 8 feet apart each. One oz. of seed to 50 hills, 1½ to 2 lbs. to an acre. Plant seed after danger from frost is over.

**Boston Marrow.** Bright orange color; flesh rich salmon; very sweet. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c.

**Cocozelle Bush Squash.** Is one of our earliest squashes and will continue through the season, if the fruit are picked as soon as ready. The Cocozelle is a long squash of excellent flavor. It is prepared when green either as other squash or fried like egg plant. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.

**Perfect Gem or Cream.** Long-keeping, winter squash, 4 to 6 inches in diameter; apple shaped; distinctly ribbed with smooth, cream-colored skin. It is solid and rather hard, but bakes to a delicious soft consistency on the inside. Although a small variety it is a great keeper and is used mostly in the winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

**Delicious.** Usually of green shade, resembling the Hubbard but must finer in flavor and sweetness. Pkt. 10c; oz. 20c; lb. \$2.

**English Vegetable Marrow.** The best of all the marrows; excellent flavor either green or ripe. When ripe it is about 10 inches long and 5 inches

in diameter. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

**Burpee's Fordhook Sunsh.** A very fine variety; strong growing vine and very productive. Fruits oblong in form; about 10 inches long; good for baking or pies. Pkt. 5c; oz. 10c; lb. 80c.

**Golden Bush Scallop.** Similar to the above but a golden yellow color. Oz. 10c; lb. 75c.

**Golden Hubbard.** Same as common Hubbard except being of golden colored shell. Very sweet, clear of fibre and fine for baking. Pkt. 5c; oz. 10c; lb. 85c.

**Golden Summer Crookneck.** A well known popular crookneck. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Hubbard.** One of the finest varieties; fine grain of excellent flavor and cooks dry. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**White Bush Scallop.** A well known summer squash, very productive, pure white. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Mammoth White Scallop.** An improved large variety of the above. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Pikes Peak or Sibley.** Is a vining squash of excellent quality. Very sweet and fine grained. A good keeper. Pkt. 5c; oz. 10c; lb. 85c.

**Swiss Chard—See Beets.**

## TOBACCO

Tobacco can be grown in California to good profit—as shown by experts of the American Tobacco Co. We have secured some choice seed of several varieties, especially the **Great Samsoum Cigarette Tobacco**, which has paid as high as \$1000 per acre to the grower. This tobacco sells at \$1.00 to \$3.00 per lb.—according to grade. California is said to produce even a better grade than can be produced anywhere on this continent. Seed should be sown in early spring in beds, covering very lightly, and transplant to rows. Plant 18 inches in rows and rows three feet or more apart. From seed planted in April crop can be harvested in August. 1 oz. for 5000 plants.

**Samsoum.** Per pkt. 10c; oz. \$1.

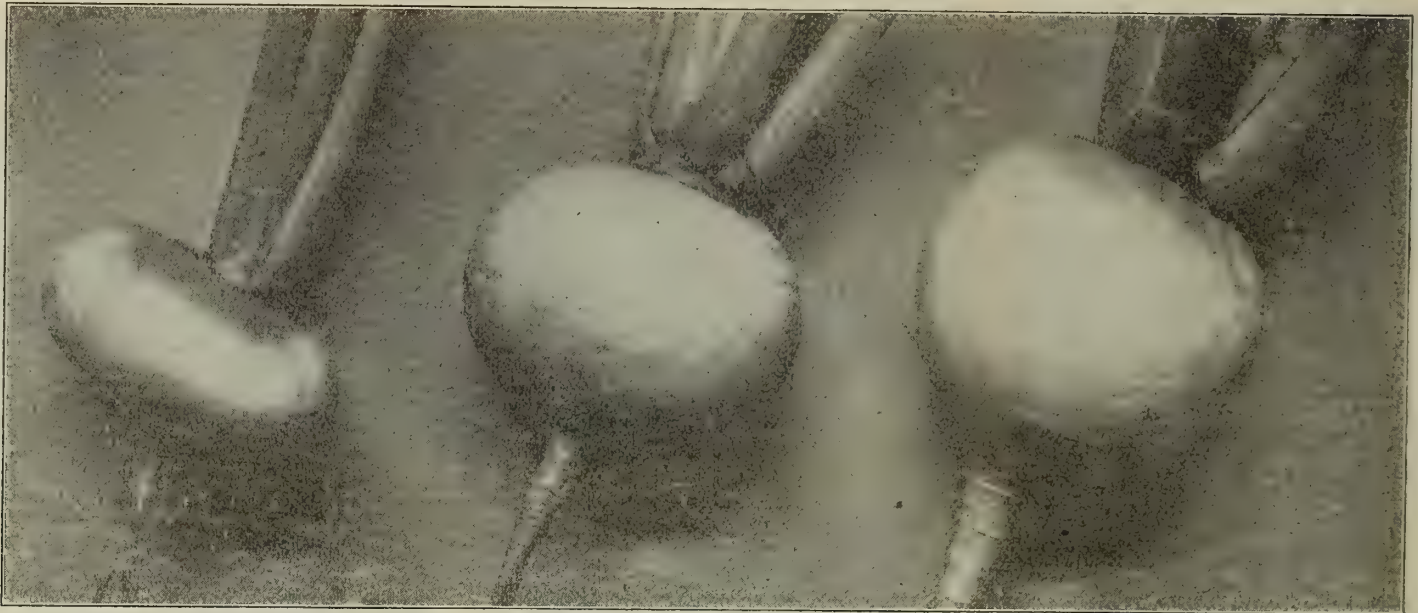
**Connecticut Seed Leaf.** Pkt. 10c.

**Cuban Havana.** Pkt. 10c; oz. 75c.

Ask for quotations on larger lots.

Each year there is a marked increased demand for **High Quality Seed**—regardless of cost. And the critical buyer finds them the cheaper in the long run. Every effort is being put forth by our firm to secure the purest quality and finest strains of all the principal garden and flower seed. These are more expensive to produce but will give results—which the planter is looking for.





Purple Top Strap-Leaf

## TURNIP

**Culture.** Plant for succession from September to April in drills 14 inches apart and thin out plants to six inches. Turnips thrive best in a highly enriched sandy or light loamy soil. One ounce to 150 feet of drill; 4 lbs. to acre.

**Early Purple Top Strap-Leaf.** The most popular variety in this section for either family or market use. Large size, white, purple above ground; flesh fine grain. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Early White Flat Dutch.** An early white flesh, strap-leaved variety for quick growth; mild flavor and excellent quality, with firm sweet flesh. Pkt. 5c; oz. 10c ¼ lb. 25c; lb. 75c.

**Early White Egg.** Clear white fleshed, fine grained turnip, particularly nice for home garden. Pkt. 5c; oz. 10c; ¼ lb. 25c; 75c.

**Early Purple Top Milan.** A new early very white variety, with purple top and strap-leaved. Mild and sweet Pkt. 5 oz. 10c; lb. 85c.

**Extra Early White Milan.** The earliest turnip. Excellent flavor and very tender, of medium size. Pkt. 5c; oz. 10c; lb. 85c.

**Golden Ball or Orange Jelly.** Rapid grower, of excellent flavor. Bright yellow color. Plant during cooler months only. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

**Purple Top White Globe.** Very solid and sweet. The best variety for summer plantings, having large leaves and is very slow to get pithy. Recommended for planting during May, June, July and August. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

**Round White Six Weeks.** A very early turnip of fine quality and shape. Sweet and slow to get pithy. The best all around turnip, plant at all seasons. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

**Snowball.** The most popular turnip on the market. It has the best shipping qualities, firmness and good appearance as well as being of excellent flavor and texture. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

**Improved Purple Top Ruta Baga.** The best of the Swede turnips; very hardy and productive; flesh yellow. Oz. 10c; lb. 60c.

## TOMATOES

**Culture.** Sow in hot beds from six to eight weeks before they can be set out doors, which is when danger from frost is passed. When plants have four leaves transplant into shallow

Snowball Turnip

boxes, or cold frames. Transplant carefully and cultivate well as long as the vines will permit.

All tomatoes, 5c per pkg. except where noted.

**Aeae.** An old favorite. Early variety; rather small but good producer. Oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Atlantic Prize.** An excellent variety; very productive and one of the surest croppers of perfect fruit. Oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Livingston's Coreless.** This is a distinct new globe shaped variety, and is one of Livingston's latest and best varieties of Tomatoes. It is a fine large tomato of full Globe shape, some longer than round, ripening completely without any green or hard core. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.

**Carter's Sunrise.** The earliest of Early Tomatoes a week to 10 days earlier than the renowned Earliana. The Sunrise is the best Early Tomato yet offered; besides its earliness it has a fine solid meat and smooth surface, and when ripe it is red all over, not green at the stem end as most early tomatoes are. A very heavy producer. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.50.

**Crimson Cushion (Beefsteak).** An extremely large fruited variety. The fruit is very solid and meaty and of crimson color. Pkt. 5c; oz. 35c; ¼ lb. \$1; lb. \$3.50.

**Chalks Early Jewel.** An excellent variety, starting to bear early and continuing to bear throughout the summer. The fruit is of good size, smooth, uniform and ripens all over. The fruits are bright scarlet with fine flavor and quality. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Dwarf Champion Tomato.** Vine upright, with dense foliage. Fruit pink, smooth and solid, ripening in mid-summer. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Dwarf Stone Tomato.** A dwarf sturdy plant like the Dwarf Champion in habit, but of stronger growth. The fruits are large and resemble the original Stone. The shape is perfect, with good skin, very solid flesh and of excellent flavor. The plants are very stocky and do not spread much. Pkt. 10c; oz. 30c; ¼ lb. \$1.

**Earliana.** Has gained the reputation of being the best first early tomato. Plants are quite hardy, and fruit will set even during the cool weather. Perfectly smooth and solid with solid center. Oz. 25c; ¼ lb. 75c; lb. \$2.50.

**June Pink Tomato (New).** This is a new variety, similar in habit to the famous "Earliana," differing only in its color which is pink instead of red. The plant is neat and compact,

Purple Top White Globe

branching freely, with fruit hanging in clusters. Under exactly the same conditions as Earliana, the June Pink yielded exactly the same results. Earliness, blight resisting, long and heavy yielding, are its main characteristics. An excellent shipper on account of its reasonably tough skin. Will take a place at the head of the pink sorts. Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

**New Stone.** One of the general crop varieties, and a favorite with the canners. A good all around variety; early and productive. Oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Ponderosa. (Beefsteak).** A very large variety, well known; of fine flavor. Pkt. 5c; oz. 35c; lb. \$3.50.

## PLANT DISEASES

**Tomato Blight and Melon Blight.** For blight and rot, spray early and at intervals with Bordeaux Mixture. Quart can 50c.

**Potato Scab.** This wide spread disease affecting potatoes is due to the attack of a parasitic fungus, which causes the skin to become rough and scabby. This disease may be successfully combated by treating the planting stock with formaldehyde; 8 fluid ounces (1 pint) of this antiseptic is to be used in 15 gallons of water, which is sufficient to treat about 1000 lbs. of potatoes. The potatoes should be cleaned from dirt, washed if necessary, then soak potatoes for 1½ hours in this diluted solution, after which they should be dried out and planted in the usual way, care being taken that treated potatoes do not again become infested by contaminated sacks or other receptacles. Formaldehyde, 50c pint.

## HORSE RADISH

**Good Horse Radish.** Horse Radish is always in good demand and pays well. However, you must have the proper conditions, namely, a medium heavy soil and plenty of water. Sold only in roots. Doz. 15c; 100 roots, \$1; large quantities on application.

**Maliner Kren Horse Radish.** This new variety of Horse Radish was first discovered by the United States Agricultural explorer, Mr. David Fairchild, in Bohemia about ten years ago and sent to be tested in the soils of the United States. The parts that were not rotted were planted and from them the next season some fine cuttings were made. These were planted the following season and from them some of the finest specimens of Horse Radish were produced that were ever seen in the United States. Until 1904 not a cut-



ting was sold, each season all were planted and reports were made from time to time as to its growth and habits to the department at Washington.

In describing this radish will say that cuttings planted in April will produce fine large radish for grating the first of the following October, about five months from planting. It is white as snow; free from disease; yields of four tons to the acre are recorded; grows on any kind of soil from the heaviest to the sandiest, and stands the dry weather as well as potatoes or any other vegetable. Simply make up the soil same as if you were going to plant strawberries and put the cuttings slanting down and let the top of cutting be about one inch below the surface, cultivate same as corn, cabbage or any other garden crop. It requires about 10,000 to plant an acre, it sells readily in any market at from 5 to 10 cents per pound to the pickling houses at about \$100 per ton. Doz. roots 25c. Per 100 roots, \$1.50.

## HERBS

**Herb Seeds.** (Sweet, Pot and Medicinal). A few herbs should be grown in every garden, only a small space being necessary to grow sufficient for family use. Sow the seed in the spring, and harvest on a dry day just as plants come into full bloom. Tie them up in small bunches and when thoroughly dried wrap up in paper and place in an air-tight vessel, where they will keep until required. Each, per pkt. 5c.

**Anise**, has useful medicinal properties.

**Balm**, highly popular; used for balm tea or balm wine.

**Basil, Sweet**, used for highly seasoned dishes.

**Borage**, should be grown by every bee-keeper.

**Caraway**, largely used for flavoring.

**Coriander**, useful culinary plant; used in confectionery, etc.

**Dandelion**, for medicinal purposes.

**Dill**, used to flavor Pickles, etc.

**Fennel**, very aromatic and fine for flavoring.

**Horehound**, fine tonic properties, valuable for cough remedies.

**Hyssop**, valuable for medicinal purposes; the dried flowers make Hyssop tea.

**Lavender**, highly esteemed aromatic herb, with a delightful fragrance.

**Marjoram**, Sweet, one of the most largely used herbs for seasoning.

**Pennyroyal**, well known and popular.

**Peppermint**

**Rosemary**, an aromatic herb, sweet scented.

**Rue**

**Savory, Summer**, excellent for seasoning.

**Savory, Winter**, excellent for seasoning; for winter use.

**Sage**, the leaves and tender tops are largely used in stuffing and in sauces.

**Sorrel**—Large leaves used like spinach. Pkt. 5c; oz. 15c; ¼ lb. 40c.

**Tansy**

**Tarragon**

**Thyme**, for seasoning; the most popular of all herbs.

**Wormwood**, of great value for its medicinal properties.

## FIELD SEEDS

**Salt Bush.** (Creeping Salt Bush. *Atriplex Semibaccata*). This is a procumbent prostrate, many branched, slender, perennial plant, with herbaceous stems, spreading from 3 to 6 or more feet. Under cultivation its growth is simply marvelous. It is a valuable plant for sheep; they eat it with avidity. This variety of the Salt Bush is now grown in great quantities in Southern California, and has become quite common from Santa Monica to Santa Ana, large fields of it are met with from Compton to Long Beach, and we are told

by several ranchmen that cattle relish it and that it is a fine pasture plant. Grows on dry hill sides and recommended for sowing on ranges for cattle and sheep. 5 to 10 lbs. to the acre. Oz. 15c; lb. \$1.50, postpaid.

Special prices on quantities on application.

**Australian Rye Grass.** *Lolium Perenne*. A hardy perennial grass used throughout the Southwest for lawns and golf links, especially when sown with white clover it makes a fine turf. It is extensively used on low damp lands for pastures using 60 to 75 lbs. per acre. Per lb. 25c; postpaid. 100 lbs. \$10.00. Ask for prices on large quantities.

**Barley** (*Hordeum Vulgare*). One of the leading grains of California used extensively for the hay as well as the grain, which is rolled for horse feed. The better grades are used in brewing. Sow 80 lbs. to the acre. Lb., postpaid, 15c; by express or freight 10 lbs. 25c; quantity prices subject to market quotations.

**Bermuda Grass** (*Cynodon dactylon*). Is almost indigenous to our soil and is in some cases considered a pest, but as a pasture grass and for lawns where water is scarce it is most valuable. When cut and cured it makes very good hay. Use 10 lbs. to sow an acre. Lb. postpaid \$1. Prices on application.

**Broom Corn.** (Improved Evergreen). Used for making brooms and extensively used on account of its green color and long brush. It grows about 7 feet high. Per lb. 20c; postpaid; 100 lbs. \$8.

**Buckwheat.** (Japanese). The best and most profitable variety. It is earlier than Silver Hulled, and usually more productive. Is also excellent for bee pasture. Per lb. 20c, postpaid; 100 lbs. \$5.

**Canary.** The seed is used for bird food. Is valuable also as an ornamental grass and has considerable merit as hay for feeding cattle. Per lb. 20c, postpaid; 100 lbs. \$8.

**Canada Field Peas.** Used principally for green manure. Is a strong, vigorous grower, making long vines and good roots. Sow broadcast, using 80 to 100 lbs. of seed per acre. Per lb. 20c, postpaid; 100 lbs. \$5. Larger quantities on application.

**Cow Peas** (Black Eye). Use largely for green manure. It is also valuable if allowed to mature the seed, when the dry vines can be plowed under and the seed used to grind as feed for stock. If for green manure, sow broadcast, using 80 pounds per acre. If for seed or fodder, sow in rows 3 feet apart, using 40 pounds per acre. Per lb. 20c, postpaid; 100 lbs. \$7.

**Crimson, or Italian Clover** (*Trifolium incarnatum*). An annual variety, 20 to 30 inches high, and having long, crimson blossoms. Excellent for both pasture and hay. Sow from 12 to 15 pounds per acre, and cut for hay when in full blossom. Lb. 25c; 100 lbs. \$20. 10c lb for postage extra.

**Flax Seed.** Should be sown in the spring on moist land, using 30 lbs. of seed per acre if grown for a seed crop, or twice that quantity if intended for a crop of fiber. Per lb. 25c; postpaid; 100 lbs. on application.

**Hemp** (Kentucky Hemp). A staple crop for manufacturing, sown broadcast, using 25 lbs. of seed per acre. For a seed crop, should be sown in hills 4 feet apart. Grows 12 to 14 feet high, with deep cut, dark green leaves, which are rather fragrant. Makes a stately row along a walk, and is an interesting garden annual. The seed is used in birdseed mixtures. Per lb. 20c postpaid; 100 lbs. \$7.50.

**Kaffir Corn.** Grows from 6 to 10 feet high and thrives in hot, dry climates. Makes good fodder for cattle, and the seed is used for stock and chicken food. 5 pounds per acre. Per lb. 20c, postpaid; 100 lbs. \$6.

**Millet, German** (*Panicum Germanicum*; Var. Will grow on any good land and yields heavily when artificially watered; yields from 40 to 60 bushels of seed per acre, which is excellent food for stock or poultry. Plant 30 lbs. to acre. Per lb. 10c; large quantities quoted special. Postage extra.

**Oats.** This grain is becoming more and more popular in California for hay. By government test it has been shown that it is superior to any other grain for feeding purposes. The one disadvantage of growing oats here is that it is liable to rust, but by using imported seed of the Texas Red Oats the rust is practically eliminated. **Texas Red Oats** lb. postpaid, 15c. **White Oats**, lb. postpaid 15c. Prices on above subject to market changes. Ask for prices.

**Pearl Millet** (*Pennisetum*). A perennial plant for fodder. Grows tall and yields an enormous amount of corn-like leaves. Sow in drills or broadcast, using 4 to 5 lbs. per acre. Per lb. 15c., postage 10c extra.

**Paspalum Distatum.** A new grass for hot, dry climates. A hardy perennial from Australia, growing 5 feet high, without getting tough, and seems to be particularly adapted for grazing dairy cattle. It stands remarkably well, and shoots rapidly again with the first shower of rain, and is a splendid winter grass. Although it will stand a considerable degree of frost and even snow without harm, still it requires hot summer weather to grow it to perfection. The seed requires about 3 weeks of moist, genial weather to germinate it, but once established, it seems to stand anything. Per oz. 10c; lb. 75c.

**Rape** (**Dwarf Essex**). A biennial crop used principally for sheep pasture. Is usually sown broadcast on ranges, using 2 to 5 pounds per acre. Per lb. 25c, postpaid; 100 lbs. on application.

**Rape** (German). Used for bird food, usually in mixture with Canary, Hemp and Millet. Lb. postpaid 20c; by express or freight, lb. 10c; 3 lbs. 25c; 100 lbs. on application.

**Rye.** Sown for the grain as the stem is too coarse for hay unless cut quite young. It is also used for winter pasture and for cover crop as it grows during cold weather. Lb. postpaid 15c. Quantity prices on application.

**Red Top** (*Agrostis Vulgaris*). Thrives best on low lands where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 30 lbs. to acre. 25c lb. 10c extra for postage. Ask for prices.

**Wild Rice** (*Zizania Aquatica*). A native plant, growing in shallow water with mud bottom. The seed is difficult to germinate, and should be kept moist several days before sowing. The plant makes an excellent shelter for wild fowl, and is much esteemed on game preserves. Lb. postpaid 30c. Larger quantities on application.

**Sugar Cane** (*Sorghum*). **Early Amber.** A good fodder if cut when 2 feet high. Is nutritious and yields a heavy crop. Sow late in April, using 10 lbs. seed per acre in drills, or 25 lbs. broadcast. Per lb. 20c, postpaid; 100 lbs. on application.

**Early Orange.** A strong, productive variety, either for fodder or for syrup. Per lb. 25c, postpaid; 100 lbs. \$7.50.

**Sunflower** (Large Russian). A variety bearing large heads, frequently 12 to 20 inches in diameter and sometimes yielding 1,000 pounds of seed per acre. The seed is used for feeding chickens and parrots. Sow in the open field as soon as danger from frost is over, using 3 lbs. of seed per acre, sowing in rows 5 feet apart and thinning to 1 foot. Per lb. 20c, postpaid; quantity prices on application.

**Speltz, or Emmer.** A valuable grain from Russia. Grown in the United States for several years. It is adapt-



ed to a wide range of soil and climate, and is of superior feeding value, yielding much more heavily than oats and barley. This grain grows tall, like rye, and matures as early as barley, and yields from 40 to 80 bushels to the acre, and from 4 to 6 tons of straw hay. Tough and hardy, it stands the drought better than any other grain, making it a sure crop. Prepare your land as you would for wheat or oats, and sow at the rate of 75 or 100 pounds per acre. Sow very early in the spring or fall and do not let it stand until it gets too ripe before cutting, as any grain that yields well shells easily. In the green state it makes an excellent pasture. Per lb. 15c, postpaid; express or freight, ask for prices on larger quantity.

**Teosinte** (Reana Luxurians). This plant grows quickly and produces a large quantity of forage in warm locations. It makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. Sow seed when danger of frost is past. If cut for green forage, which can be done at any stage during growth, two or more joints should be left at the base of the stalk. These will sprout quickly into fresh growth, making an even larger crop than at first cutting. Sow in drills 4 feet apart, using 4 pounds of seed to an acre. Oz. 10c; lb. 75c.

**Timothy** (Phleum Pratense). The grade we offer is particularly "choice," free from weed seeds and of high germinating power. Sow about 15 lbs. to acre. 30c lb. postage 10c extra.

**Wheat.** California Soft Wheat. Per lb. 5c, postage 10c extra. Quantity price on application.

**Eastern Hard Wheat** for eating whole and cooking. 10c per lb; 2 lbs. 15c; postage 10c per lb. extra; 100 lbs. \$5.

## COVER CROP

**Cover Crop.** It is as important to use a legume for a cover crop, Green Manuring, in orchards as it is to rotate crops in general farming and gardening. Yes, even more so. If you do not keep putting something into the soil how long do you suppose you can continue to take good crops away from it? By sowing a cover crop you get nitrogen and humus in the best way as well as the cheapest. The orchardist who does not use fertilizer in some form is now considered a back number. Legumes are the cheapest fertilizers and they give the soil plant food in the most available condition. We carry cover crops in variety at prices subject to market changes. In asking for quotations always state the quantity wanted.

**Canadian White Peas.** Are used the same as the Blue Prussian Peas, but the seed is a little smaller and are preferred by many orchardists and planters. Especially recommended on melon lands. Lb. by mail 15c. Ask for prices on large quantities.

**Fenugreek** (Trigonelia Foenumgrecum). A native of the Mediterranean countries and has been used for centuries in stock foods. It grows 2 to 3 feet high. Fenugreek was introduced into Southern California as a cover crop only a few years ago and has proven a very valuable crop, especially on heavy low soils. Sow 15 to 20 lbs. to an acre. Lb. 15c, 10c extra for postage. Ask for prices on large quantities.

**Burr Clover (Hulled).** This legume is taking an important part as a cover crop. It is a heavy nitrogen producer and is particularly good for late planting as it makes little growth until the first of January. Used extensively on light soils. Sow 10 to 15 pounds to an acre. Lb. 45c, postpaid; 10 lbs. \$3. Large quantities on application.

**Vetch Spring (Vicia Sativa).** Since the use of cover crops in our orchards Vetch has steadily become more and more popular until this year fully 90 per cent of the legumes used for that purpose were Spring Vetch. It does best when sown by the first of October, thus giving it a chance to make a good growth before the cold weather sets in, making a protection from soils washing and being in good condition to make good growth as soon as warm weather comes in the early spring. Per lb. 20c postpaid; 10 lbs. 75c, delivery extra. Ask for prices on large quantities.

## ALFALFA SEED

We are at all times prepared to furnish high grade clean seed of this very important article and will be pleased to quote firm market price at any time. Small quantities 30c per lb; 40c postpaid.

## VEGETABLE PLANTS

All the following Vegetable Plants are to go by express at customer's expense.

**Artichokes.** Ready from January to July, 15c each; \$1.50 per doz. Delivery extra.

**Asparagus.** Ready from December to May. Fine 2 year old roots. Ready to bear the following spring. Conovers Colossal and Palmetto at 15c doz.; \$1.00 per 100; \$5 per 1000.

**Giant Argenteuil** at 15c doz; \$1 per 100; \$6 per 1000. 5c per doz. and 20c per 100 extra for postage.

**Cabbage.** Ready from October till March. 10c doz.; 40c per 100; \$3.50 per 1000.

**Cauliflower.** Ready same as cabbage. Snowball, Early Erfurt, M. & S. Giant Earliest. 15c doz.; 50c 100; \$4 per 1000.

**Celery, Early.** Ready in June. White Plume, Golden Self-Blanching. Per 15c doz.; 40c per 50; 75c per 100; \$6.00 per 1000.

**Chives.** Clump of roots. By express, 10c; \$1 doz. By mail, 10c extra each.

**Egg Plant.** Ready about May 15. New York Improved Purple. Per doz. 50c.

**Horseradish.** Ready from November to April. 15c per doz; \$1 per 100; \$6 per 1000.

**Imported Hungarian or Maliner Kren.** 25c per doz; \$1.25 per 100; \$10 per 1000. Add 5c per doz., 25c per 100, for postage.

**Pepper.** Ready about March to May. Bull Nose, Sweet Mountain, Extra Ruby King and Anaheim. Per doz. 20c; 50 for 60c; 100 for \$1.

**Tomato.** Ready nearly all year round. Earliana, New Stone, Dwarf Champion, Ponderosa. Per doz. 20c; 50 for 60c; 100 for \$1; 1000 for \$7.

**Sweet Potato.** Ready March to May. Yellow Nansmond and Red Jersey. 15c doz. 60c per 100; \$4 per 1000.

## CHAYOTE

A climbing plant, related to the cucumber family. A very rank growing vine—used for covering fences, arbors or sheds. It grows over thirty feet in a season, with good dense foliage, and immensely productive. One plant we saw this season produced over 150 pounds of fruit. A deciduous vine in this climate, and the vine even dies down to the roots most every year. This root (which is of a large Sweet Potato character) is also edible. The fruit is one seeded and is planted entire without cutting, weighs about one-half pound each, and is served in many ways. Fried as Egg Plant. Cooked like Summer Squash or used as a salad, and considered a great delicacy by all that have used it properly. We will be able to supply from January to April. Fruits 10c each, 6 for 50c by express; or 15c each by mail.

## COTTON SEED

**Toole Cotton** (Short Staple). Of the King type, low bush; shapely height, 3½ feet; plant close; 87 bolls to 1 lb. seed cotton. Pre-eminently the Profitable Cotton of the South. At recent test Alabama Experiment Station of 32 varieties, Toole stood first; stood first Georgia Experiment Station 1906; first at South Carolina Experiment Station 1906. Three gin tests showed 40 per cent at gin. Large amounts sold in Texas for planting after Irish potatoes and other spring crops. Texas reports it does not shed with them as badly as others. 1250 lbs. kins out a bale of 505 to 510 lbs. Alabama Experiment Station reports 81 per cent picked in field by Sept. 7th—only a few days later than King's. Planted 15 to 18 inches in row and 2 stalks to hill. Originated some half dozen years ago at Augusta. Today four-fifths of the best planters in this country grow nothing else, and it is scattered from North Carolina to Texas. A cross between King and Peterkin—has good qualities of both—far earlier than King and bigger boded. Ask for price.

We also have other varieties. Prices on application.

## SWISS CHARD—A Money Crop

**Cut and Come Again Spinach.** Far superior to the common beet for greens and equal to spinach. Sown early in the spring, in rows 16 inches apart, and the seedlings afterward thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For summer use it is su-



prior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table. ¼ lb. 50c; lb. \$1.75. No vegetable requires less care than this, and it is safe to say that none yields as constantly as this spinach, producing uninterruptedly through the year.

For Varieties See Beets.

## NASTURTIUM

Nasturtiums of all varieties are useful for furnishing tender seed pods which make delicious pickles. The seeds for pickling should be gathered while green and with a portion of the stem attached. Pick them over and place in a jar until filled; then cover them with cider vinegar that has been brought to a boil and is still warm, to keep for winter use.

**Tall Mixed.** Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c, postpaid.

See Flower Seed List for other varieties



## SUCCESS WITH FLOWER SEEDS

We are convinced that most of the failures with flower seed are due to the lack of proper conditions; and while it could be impossible in this short space to give explicit directions for each and every variety, there are certain rules that must be observed. While some of the more tender varieties require special care, many of the hardy varieties will grow under most any conditions if seed are not planted too deeply, and the ground kept moist. As general directions, we will divide them into **HARDY** and **TENDER** species and apply the general rules governing each.

**Hardy Kinds** as a rule, are sown in open beds or boxes of well worked soil (sandy loam preferred) and if soil is stiff clay or adobe, it is necessary to have a "sand or mulch" covering, and seed should be covered very lightly. A good rule is to smooth the bed down with a board, and then on this smooth surface scatter the seed, then if seed is coarse take a small board or brick and press the seed down even with the surface of the soil, and then carefully sift fine, sandy mulch soil over the seed from one-eighth to one-half inch deep, according to the coarseness of the particular seed. Such as Delphinium, Stocks, Asters, etc., one-eighth inch, but Nasturtiums will stand covering of one inch. This bed must be kept moist to

the surface, never allowed to dry, but should not be "soaked" too much, and one should avoid watering too late in the evening, rather postpone till morning, as the chilly night may cause trouble if bed is too wet. For ordinary kinds as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Centaurea, Poppies, Snapdragons, Annual Larkspurs, Zinnias, Sandytuft, etc., are generally planted where they are to grow, but good success will be had to transplant the above, except the Poppy, which succeeds best when sown broadcast (very thinly) over surface and gently raked in, and thinned out to 6 to 12 inches when about 2 or 3 inches high.

Centaureas are best drilled in rows where they are to grow. Sweet Peas should be planted in drills and do not succeed if transplanted.

**Tender Kinds.** Such as Lobelias, Asters, Stocks, Pansy, Petunia, (Fancy kinds) Pinks, Phlox, Verbenas and all such varieties which, while hardy in Southern California, after once established are slow to start, should be planted in well prepared beds and treated as the hardy kinds in respect to depth of pinating, but in addition a shading should be added and this is quite essential. If lath frames are not available, use burlap frames and support these frames on stakes 4 to 12 inches from soil, or a good plan is to cut some branches with leaves on and lay over bed. This is quite as good as any other protection, but care should be taken not to have covering too dense. Best time to water all seed beds

is in the morning, before the sun gets too high.

**Mulching.** For seed beds. To insure the best results from your seed, a good prepared mulch of well rotted manure or leaf mold is almost necessary. If soil is stiff and heavy. This mulch is carefully sifted over the seed beds after seed is sown and helps to retain the moisture and keep surface from "baking."

### COLLECTIONS OF FLOWER SEED

For the convenience of our customers, we have arranged the following collections and as these are specially put up are not interchangeable. In ordering merely state collection number.

#### Collection

A1—12 Pkts.	Everlasting Flowers	.35c
A2—12 "	Perennials	.....35c
A3—8 "	Perennial Poppies	...30c
A4—6 "	Hanging Basket Plants	.....25c
A5—12 "	Phlox Drummondii	....50c
A6—12 "	Ten Weeks Stocks	
	Large Flower	....60c
A7—6 "	Ten Weeks Stocks	
	Large Flower	....30c
A8—12 "	Asters Giant Comet	..50c
A9—6 "	Asters Giant Comet	..25c
A10—12 "	Asters Dwarf Chrysanthemum	
	flowered	.....50c
A11—12 "	Asters Dwf Peony Fl.	40c
A12—12 "	Larkspurs Dwf Fl.	40c
A13—12 "	Aquilegias	.....35c
A14—12 "	Campanulas	.....35c

## GENERAL LIST OF FLOWER SEEDS

**ANNUALS** attain full growth from seed, flower and die in one year.

**BIENNIALS** grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

**PERENNIALS** last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

All 5c packets at 50c per dozen.  
All 10c packets at \$1.00 per dozen.  
All 15c packets at \$1.50 per dozen.  
All 25c packets at \$2.50 per dozen.

**Abronia Umbellata.** Delicate rose, the "sand" verbenas, beautiful native trailer. Pkt. 5c.

**Acroclium.** Everlasting Flowers. Each 5c.  
Rose, double white, rose and white, mixed.

**Adonis.** (Flos.) Crimson and black eye. "The Pheasant's Eye" a beautiful showy free flowering plant. Pkt. 5c.

**Ageratum.** Mexicanum. Imperial dwarf blue. Pkt. 5c. Imperial dwarf white. Pkt. 5c. Fine for bedding or mixed borders.

**Alonsoa.** Warscewiczii. Scarlet; very free bloomer. Pkt. 5c.

**Agrostemma Coronaria.** (Rose Champlan). Fine mixed 5c.

**Ambrosia Mexicana.** Sweet scented 5c.  
**Ammobium Alatum Grandiflora.** White everlasting flower, 5c.

**Anagallis Grandiflora.** Fine mixed showy and rich, 5c.

**ANTIRRHINUM, Giant Flowering Snap Dragons**

These form brilliant garden beds, flowering prodigiously and continuously the first season from seed. Unusually effective bedding displays are made from these noble plants; they grow about 2 feet high, are healthy and stocky, and completely enveloped with large snap-dragon flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous blooming qualities, ease of culture and independence of heat and drought, and pure, brightest colors, should entitle them to a permanent place in gardens. Although perennials, they do splendidly when grown as annuals; spring sown seed produces flowering plants by July, which continue to bloom in

increasing profusion. The flowers are nearly double the size of the older sorts.

**Giant-flowering. Mixed Colors.** Pkt. 10c.

**Giant Yellow Queen.** Pure yellow. Pkt. 10c.

**Giant Scarlet.** Brightest scarlet. Pkt. 10c.

**Giant Niobe.** Garnet, with white throat. Pkt. 10c.

**Giant Rose.** Delicate rosy-pink. Pkt. 10c.

**Giant Striped.** Yellow, striped red. Pkt. 10c.

**Giant White.** Pure snow-white. Pkt. 10c.

The collection of above six separate colors, 50c.

**Antirrhinum Snapdragon. Semi-Dwarf.**

Large flowering. A beautiful class very extensively grown in the east and Europe for bedding, these varieties produce as large flowers as the tall class, while the plants are of compact, bushy growth, about 1 foot high and are completely enveloped in flowers throughout the year, any of the following colors separate, 10c per pkt.; 3 for 25c.  
White, yellow, coral rose, blotched and striped, scarlet, all colors mixed.

**Asperula Odorata (Sweet Woodruff).**

An old fashioned favorite, grown for its fragrant leaves, which have an odor not unlike new mown hay, and used for putting among clothes, etc. Best grown in semi-shade positions, flowers white. ¼ oz. 25c; Pkt. 10c.

**A. Hexaphylla.** A pretty little plant similar to Gypsophila and grows same way and used for mixing with carnations or sweet peas. Pkt. 10c.

**A. Gallodites.** Similar to above and used in same way. Bouquets made up with these dainty flowers are much more attractive. Pkt. 10c.

#### SWEET ALYSSUM

The Alyssums have become one of the popular border plants thriving anywhere. The dwarf variety being excellent for edging, bordering beds, or even for sowing in masses, in manner of carpet bedding. The taller sort is fine for sowing in shrubbery. It does not require transplanting.

The old-fashioned Sweet Alyssum has been too long a favorite to need any introduction here. This new variety emits the same honey-like perfume, is of purer white, and grows only 2 to 3 inches high and flowers even more profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and bedding this is a very satisfactory little annual.

**Tom Thumb or Little Gem Sweet Alyssum.** ¼ ft. Oz. 30c; pkt. 5c.

**Alyssum Benthami.** Sweet Alyssum. Pkt. 5c.

**Amaranthus. Melancholicus Ruber.**

Blood red. Pkt. 5c.

**Salicifolius (Fountain Plant).** Purple, crimson and gold. Pkt. 5c.

**Tricolor (Joseph's Coat).** Red, green and yellow. Pkt. 5c.

The Amaranthus are splendid plants to give a tropical effect in mixed borders and shrubbery. Plant in sunny places and poor soil.

**Armeria Maritima (Thrift).** Fine for borders. This is a fine little plant for edging; always in blossom and very hardy. Pkt. 5c.

**Acanthus. (Bear's Breech).** Stately ornamental perennial plants, remarkable for beautiful large foliage, good for background in mixed borders and the wild garden. Sow seed in bed or box and transplant.

**A. Latifolius.** One of the finest of the species, with large, broad leaf. Pkt. 10c.





## THE ASTER

### And its cultural directions

There is at present a lamentable lack of literature on this subject, but the Aster has leaped into such prominence, both for its beauty and commercial value, that information is constantly sought, and for many years we have given this our utmost attention and care and are anxious that all information for its culture and improvement be disseminated.

We attach a few essential directions for their culture.

The Aster will do well in any ordinary soil from a light sand to a heavy clay. The ideal soil is a strong loam, well supplied with organic matter and plant food. If the soil is not already rich enough, good commercial fertilizers can be used safely. A high grade complete fertilizer is most suitable and we can highly recommend our Special "Garden and Rose Grower," 100 lbs. to 1500 square feet, worked in well.

**Disbudding.** To secure extra long stems and large flowers, we recommend dis-budding as the method used in Chrysanthemums, or in short, pinch out the center bud as plants begin to branch, allow about six of the side branches to grow and keep the lateral buds removed from other branches, and give entire strength to a half dozen flowers.

**Sowing the Seed.** Sow in seed boxes or beds in light sandy soil, covering very lightly, not over one-eighth inch deep and shade with lath frame or cloth for two or three weeks and keep constantly moist but do not water late in the day. (See directions "Success With Flowers" on another page.)

**Transplanting.** When the plants have made 4 to 6 leaves the plants should be pricked off into boxes or beds, 2 inches apart and when good and strong can be bedded out where they are to bloom.

**Varieties.** Nothing is gained by trying to force the late varieties. If early flowers are desired, use the Dwarf Early Flowering varieties and in this way the season of blooming can be prolonged from June 1st to November 1st. Using early varieties for early flowers and Giant Comet and Branching class for late, planted at intervals from January 1st to May 20th, it taking 4 to 6 months for the late flowering varieties to bloom from seed. Some florists grow two crops yearly, planting in August for late Winter flowers.

**Exhibition Flowers.** In order to give the finest flowers, the plants must have

abundant plant food and moisture. Pulverized sheep manure is unsurpassed, also nitrate of soda is a powerful stimulant but must be used with great care. One pound of the latter to the square rod, broadcast, is enough for one application and repeated at intervals of ten days gives fine results.

**Aster Beetle.** This beetle has caused some trouble and frequent dustings of fine ground tobacco is necessary to save the flowers and plants, also the Root Louse causes much trouble and a mulch of tobacco dust will destroy the louse.

## NOVELTIES IN ASTERS

**Mikados or New Comets.** Novelties of sterling merit. The flowers of this beautiful class are immense, with curled and twisted petals, resembling huge Chrysanthemums, and are borne on long, stiff stems. The blooming season is most opportune, coming between the Very Earlies and the Late Branching sorts, thus enabling the grower to have a fine display from mid-summer till late frost. They grow from 18 inches to two feet high.

**Mikado Pink (New).** A most pleasing clear pink color. Petals narrow very long and gracefully reflexed. The best mid-season pink. Pkt. 15c. 2 pkts. 25c; ¼ oz. 35c.

**Vick's Royal Purple.** A new strain of Vick's Late Branching Aster, growing about 15 inches high, of erect, upright growth. A medium early bloomer, continuing a long time. Flowers large and full to the center, petals fine and somewhat incurved. Pkt. 15c, 2 for 25c; ¼ oz. 40c.

**Vick's Cardinal.** A very large bright cardinal red flower of the correct type. Most showy and beautiful, large flowers. Pkt. 15c, 2 for 25c; ¼ oz. 40c.

**Mikado Sunrise, Comet.** A grand light pink, very showy and delicate colorings. Pkt. 15c, 2 for 25c; ¼ oz. 30c.

**Mikado Pure White, Comet.** A grand variety largely grown by florists for cutting, very large and full. Pkt. 10c, 3 for 25c; ¼ oz. 35c.

**Violet King.** The peer of the grandest Chrysanthemum. To appreciate this unique Aster it must be seen. Violet King is similar to the popular Vick's Branching, vigorous in growth, with long, stiff stems, and luxuriant foliage of richest green. In form the flower is entirely distinct, petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being fantasti-

cally twisted, curled and incurved, completely covering the crown. The bloom is round, full and very large, many of the flowers measuring from four to five inches in diameter. Its color is a soft violet-lilac. Pkt. 15c; two for 25c.

### GIANT COMET ASTERS

A superb class, differing from others in its long, wavy, twisted florets, which are formed into a head three and one-half to four and one-half inches across. One of the most perfect of Asters, and should be included in every collection.

**Separate Colors.** White, rose crimson, light yellow, lilac and white, dark violet, rose and white, light blue, dark blue, light blue and white; any three for 25c; each 10c.

**Mixed Colors.** Pkt. 10c.

### CREGO ASTERS

This class created a considerable stir among the florists the past season on account of its very large flowers and clear colors—often 6 inches across—of the Hohenzollern type. The "Crego" Aster is the nearest to a Chrysanthemum of any flower grown. It is unusually large in size when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. We have the above in 2 colors—pink and white—and can recommend them as among the best, if not the best commercial variety grown. Either color, 10c pkt., 3 for 25c.

## GENERAL ASSORTMENT OF ASTERS

**Vick's White Hohenzollern.** A fine strain of large flowering branching Comet type. Flowers 4 to 6 inches across. Pkt. 25c, 2 for 40c.

**Pink Hohenzollern.** Same as above but pure clear pink. Pkt. 25c; 2 for 40c.

**Giant Comet.** Snow White (Dwarf early; new). The most of the Comets are of a Giant growth, but this one is a true dwarf, grows only sixteen inches, but the flowers are very large for cutting. The flowers are borne on long, stiff stems. Pkt. 15c.

**Paeony Perfection.** This is an old type but is perfect in form and growth. A very choice bedding variety—standing quite erect, and of excellent habit, and as a class has the most



perfect from. All colors. Pkt. 10c; ½ oz. 35c.

**Giant American Branching.** This type or class of Asters has become the most popular of all classes of asters for late cutting, but is the latest of all to bloom. The flowers are of very large size, borne on long stems. We can furnish in all the separate colors as follows—at 10c per pkt; ½ oz. at 40c.

Pure White, Crimson, Violet, Shell Pink, Lavender, Scarlet, Blue, and Mixed.

**Quilled German.** Each 10c.

White, rose, light blue, white with red, carmine scarlet, and all varieties mixed.

**Victoria Prize.** Very Early Class. Each 10c.

White, bright rose, reddish lilac, carmine rose, light lilac, dark scarlet, violet, peach blossom and mixed.

**Crown or Cocardeau.** Mixed 10c.

**Elegance.** This is entirely a new thing in Asters; like the large single daisy, most popular as a cut flower, where it is known. Colors as follows. Dark blue, white, lavender, mixed. Per pkt. 10c.

**New Large-Flowering.** "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border, where they form large bushy clumps, 1½ to 2 feet high, and are covered with clusters of large single flowers during the late summer months, forming one of the charms of the autumn garden. Mixed varieties. Pkt. 15c.

**Aster Alpinus (Michaelmas Daisies).** Single-flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early in the spring they will flower the first season. ¼ oz. 50c; pkt. 10c.

**Arctotis Grandis.** Pure White, lilac on the outside, 5c.

**Anchusa Capensis.** Deep sky blue Cape. Forget-Me-Not, a very fine annual. Pkt. 10c.

**Achillea.** (Milfoil). Perennials, usually blooming first year from seed. Fine plants for cutting. Plant seed in bed and transplant.

**A. The Pearl.** Extra double white flowers. Very fine for florists use. Pkt. 10c.

#### ANEMONES—"WINDFLOWER"

These beautiful Irish Poppy-flowered varieties produce in abundance large single, semi-double and double flowers, three to five inches across, of an endless variety of colors, from maroon and bright scarlet to flesh pink, and from lilac to purple; some are mottled, striped, ringed, etc. For cutting they are unsurpassed, and in the garden they flower until after frost. They are hardy perennials, flowering from seed in about 4 months. Seedlings produce quite as fine flowers as imported bulbs, and have the appearance of large poppies, and they last for many days, far better in this respect to the poppy. Same culture as for Aquilegia, which see—

**Anemone de Caen.** A fancy strain of "St. Brigid" varieties. Finest mixed. Pkt. 10c.

**Anemone.** Japanese and Chinese mixture. Pkt. 10c.

**Anemone "St. Brigid."** Beautiful large, single, semi-double and double poppy-flowered varieties, 3 to 5 in. across, of an excellent variety of colors, from maroon and brightest scarlet to flesh-pink, and from lilac to purple; some are mottled, striped, ringed, etc. Finest Mixed. Pkt. 10c.

#### AQUILEGIA—COLUMBINES

A most desirable border plant in its many varieties. It forms large clumps blooms early, long and abundantly, is quite hardy, useful for cutting and elegant in habit. Sow the seed in the open ground or in beds at any time of the year and thin to about one foot apart. When planted in the fall they will bloom the next spring and summer. They thrive well with ordinary garden culture, but such rare sorts as *A. Coerulea* and *A. Chrysantha* do best in a partially shaded corner. Very few of the hardy perennials are so easily grown from seed. Best if transplanted.

**American Hybrid Columbines.** This new race represents the highest perfection yet attained in the development of this favorite flower. The plants are extremely robust with large, handsome foliage; the flower stems often 40 inches in height, carry magnificent clusters of immense long spurred, single flowers which last a long time in bloom. The colors are superb and varied—including rich shades as well as many new and delicate tints; pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, cerise, purple, rose and white, salmon, lavender, mauve, etc. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

**American Hybrid Columbines, Mixed Colors.** Pkt. 10c.

**Aquilegia, Single, Large-Flowering, Mixed Colors.** 10c.

**Double-Flowering, Long-Spurred Hybrids.** Beautiful long-spurred, large, double flowers, formed of several rows of cornucopia-like petals and of various shades of yellow, lavender, blue, indigo and white. Pkt. 10c.

**Rose Queen.** New, long-spurred Columbine, bears profusely, long-spurred, single flowers shading from light pink to dark rose color, with white center and yellow anthers. Pkt. 15c.

**Alpina.** Blue. Pkt. 10c.

**Alpina Atrocoerulea.** Purple blue, fine Pkt. 10c.



Anemones

**Alpina Superba.** Blue and white. Pkt. 10c.

**California Hybrida.** Large yellow flowers. Pkt. 10c.

**Canadensis.** Scarlet and yellow. Pkt. 10c.

**Chrysantha.** Golden yellow, long spurs. Pkt. 10c.

**Coerulea.** Rocky Mountain Columbine; one of the finest of our native American flowers. Sepals deep blue, petals white; about 3 feet. Pkt. 10c.

**Coerulea Lutea.** Light yellow, splendid. Pkt. 10c.

**Durandii.** Double, striped, mixed, very fine. Pkt. 10c.

**Jaetschaul.** Large yellow, reddish spurs. Pkt. 10c.

**Jucunda.** Brown, red, very pretty. Pkt. 10c.

**Nivea Grandiflora.** White semi-double. Pkt. 10c.

**Skinneri (Mexican Columbine).** Very handsome and quite distinct: spurs and Sepals long, crimson and light green, about 3 feet. Pkt. 10c.

**Sibirica.** Blue. Pkt. 10c.

**Sibirica Rubra, Double Red.** Pkt. 10c. Collection of Aquilegia, including 12 choice varieties named at 50c.

**Aconitum (Monk's Hood)** Beautiful perennials, flowering easily from seed. In clump resembling the Delphinium and are mostly of blue shades. When left for years make large clumps. Will stand in almost complete shade. Roots are poisonous.

**A. Napellus.** Blue. Pkt. 10c.

**A. Uncinatum.** Fine blue. Pkt. 10c.

Mixed species. Pkt. 10c.

**Adenophora.** Perennials, with numerous blue bell-shaped flowers of drooping habit, similar to Canterbury bells, to which they are closely related, and should be grown in same way—open, sunny position.

**A. Potanini.** Blue. Pkt. 10c.

#### BEGONIAS

##### Everblooming Bedding Varieties

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with geraniums and coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter-flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed, or better yet to plant in boxes of peat moss or leaf mold—and do not cover seed at all, but cover close with a pane of glass and water from the bottom.

**Gracilis.** A very pretty half-dwarf variety, 8 to 10 inches high, densely covered with handsome flowers of a delicate rose color. Pkt. 15c.

**B. Luminosa.** New, fiery dark scarlet, with foliage reddish-brown or bronze. A superb variety, quite dwarf in habit and bearing the flowers on stems well above the foliage. Pkt. 25c.

**B. Vernon.** Fine for bedding. Pkt. 10c.

**B. Semper Florens.** Erfordl. Pkt. 20c.

**B. Semp. Gracilis.** Pkt. 20c.

**B. Tuberous Rooted.** Fine strain from Europe. 25c.

##### BELLIS (English Daisy)

A favorite perennial plant which will bloom throughout the year. The seed we offer is saved from the finest double varieties; easily raised from seed; usually sown in July or August; but can be sown in spring, and for best results should be sown each year; 4 inches.

**Giant Rose.** A superb variety, producing but 12 to 15 flowers to the plant, but these are of extraordinary size: of a beautiful bright rose. Pkt. 15c. 2 pkts. 25c.

**The Bride.** A magnificent, very double free-flowering, pure white, bearing its large flowers on extra long stems, making it of exceptional value for



cutting. This is a new giant flowered variety. Pkt. 15c; 2 pkts. 25c.

**Double Mixed.** All colors; of the finest quality. 1-16 oz. 40c.

B. Snowball. Fine White. Pkt. 10c.

B. Longfellow. Fine. Pkt. 10c.

B. Mixed. Fine quality. Pkt. 5c.

**Bocconia Japonica.** A fine large leafed plant for bedding. Pkt. 10c.

#### BARTONIA AUREA

**Golden Bartonia.** Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which is exceedingly brilliant in the sunshine. Sow it where it is to remain, as it does not bear transplanting, annual; 2 feet. Pkt. 5c.

#### BAPTISIA AUSTRALIS

**False Indigo.** A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue; 2½ ft. Pkt. 5c.

#### BALSAM

**—Double Camellia-flowered (Lady Slipper.)** An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed in March under cover or sow out-of-doors in May. To grow fine specimens they should not be closer than 18 inches apart.

**Balsams.** Improved camellia flowered. Mixed 10c pkt.

**Browallia Elata.** Fine for bedding and borders, 5c pkt.

**BRACHYCOME (Swan River Daisy)**  
**Iberidifolia "Blue Star"** (new. An annual, but in California it becomes a perennial, blooming quite all the year. Good hardy border plant. Pkt. 5c.

#### CANTERBURY BELLS

##### (Campanulas)

With all the species it is best to plant the seed very early in the spring or fall—but we have had good results from seed started in mid-summer. The seed should be sown in protected beds or boxes with slight covering and shade. Transplant as soon as large enough. The following list contains Annuals, Biennials and Perennials and for convenience have divided them under the different classes—the Biennial if planted by Oct. 1st generally flower next season.

#### ANNUAL VARIETIES

**Campanula Attica.** Most graceful little plants, which are very hardy and should be better known. A fine mixture of whites, lavenders and blues. Pkt. 10c.

**C. Speculum.** (Venus Looking Glass). Grandiflora (Pentagonia). Pkt. 5c.

**C. Speculum.** Blue. Pkt. 5c.

**C. Speculum Procumbens.** A trailing variety; fine for hanging baskets. Pkt. 10c.

#### BIENNIALS

##### TRUE CANTERBURY BELLS

##### (Campanula Medium)

Very ornamental garden plants of easiest culture, flowering the second season from seed; hardy biennial, 2½ feet high, producing large bell-shaped flowers of exquisite colors. The "Cup and Saucer" varieties (Campanula Calycanthema) produce beautiful single flowers three inches in length, saucers 3 to 4 inches across. The plants form perfect pyramids of bloom bearing frequently from 100 to 200 of these exquisite blossoms for weeks during the early summer.

**Double Mixed.** Pkt. 5c.

**Double Blue.** Pkt. 5c.

**Double Lavender.** Pkt. 5c.

**Double White.** Pkt. 5c.

**Double Rose.** Pkt. 5c.

**Double Striped.** Pkt. 5c.

**Single Rose.** Pkt. 5c.

**Single White.** Pkt. 5c.

**Single Blue.** Pkt. 5c.

**Single Mixed.** Pkt. 5c.

**Calycanthema.** (Cup and Saucer Canterbury Bells). This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration.

**C. Calycanthema Rose.** Pkt. 10c.

**C. Calycanthema White.** Pkt. 10c.

**C. Calycanthema Blue.** Pkt. 10c.

**C. Calycanthema Mixed.** Pkt. 10c.

3 Pkts. for 25c.

#### PERENNIAL CANTERBURY BELLS

**Carpatia** (Carpathian Hare-bell). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. ¼ oz. 25c; pkt. 5c.

**Alba.** The white-flowered form of the above. Pkt. 5c.

**Persicifolia Moerheimi.** The plant grows more compact than the other persicifolia varieties, and the stems are quite covered with very large flowers of the purest white, which have a diameter of 2½ to 3½ inches and are double and semi-double. The flowers are not bell-shaped like other Campanulas, but resemble a double-white Camellia. Pkt. 15c.

**Persicifolia Gigantea.** A beautiful variety of the Peach Bells. The plants grow about 2 feet high, and in June and July bear spikes of large double pure white flowers. 3 pkts. for 35c; per pkt. 15c.

**Persicifolia Grandiflora** (Peach Bells). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue bells. ¼ oz. 50c; pkt. 10c.

**Alba.** The white-flowered Peach Bells. Pkt. 10c.

**Pyramidalis** (The Chimney Bellflower). A beautiful, stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. ¼ oz. 25c; pkt. 10c.

**Campanula Garganica.** Charming miniature trailing Bellflower with light blue flowers; splendid plant for hanging baskets. Pkt. 15c.

**Campanulas.** Fine perennials and hybrids mixed. This assortment is made

up of our fine collection and is highly recommended. Pkt. 10c.

**Campanula Phytidocalyx** (Amabilis). Perennial (new). A very handsome plant of lovely light blue. Pkt. 15c.

#### CANDYTUFT (IBERIS)

The Candytufts are among the best flowers for edging, for bedding or massing for rockeries and for cutting. Several of them are fragrant, and are profuse in bloom. Sown out of doors at any time of the year will bloom in about three months. Pkt. 5c; oz. 25c; except where noted.

**I. Coronaria (Rocket) Candytuft.** Flowers in upright spikes. Oz. 20c.

**I. Empress.** One of the best compact head. Oz. 40c.

**I. Little Prince.** Very large heads, pure white.

**I. White Rocket.**

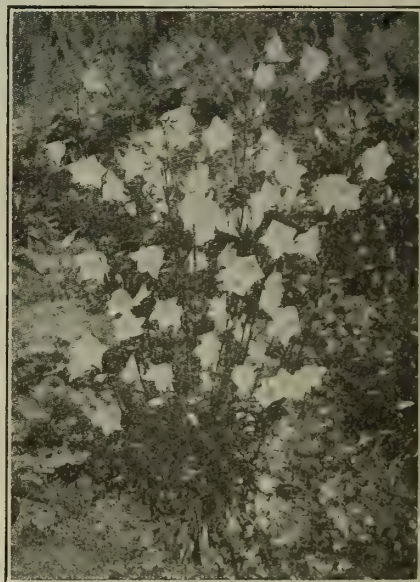
**I. Carmine.**

**I. Crimson.**

**I. Odorata.** White, sweet-scented.

**I. Mixed colors.**

**Calceolaria Hybrida.** (Tender plants). Grandiflora. Large flowers; splendid strain. 25c pkt.



Peach Bell Campanula

**Calendula Officinalis.** Fine for border. 5c pkt.  
Double yellow, double orange and mixed.

#### COREOPSIS GRANDIFLORA

**"Harvest Moon."** One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early. It is an improved variety of the lanceolata grandiflora type, producing long-stemmed, immense, rich, yellow flowers, shaded with orange, flowering in profusion for a long period during the summer, unequaled for cutting; grows anywhere. Pkt. 10c.

**Coreopsis Grandiflora.** Very large, golden yellow flowers; for cutting. Pkt. 10c.

**Coreopsis Lanceolata.** For cutting. Pkt. 5c.

**Calliopsis (Coreopsis) Bicolor.** For cutting. Pkt. 5c.

**Calliopsis Bicolor.** Improved new giant flowered variety, with ren, brown center and light yellow at outer edge of petals. A very striking flower blooming about 3 months from seed. Pkt. 10c; ½ oz. 20c.

#### CENTAUREAS

**Centaurea Imperialis.** Giant flowering Sweet Sultans. The old Sweet Sultan has long been a favorite garden annual of the easiest culture. These new mammoth flowering varieties are a grand improvement producing long-



Canterbury Bells





Centaurea and Gypsophila in Bouquet

stemmed blossoms 3 to 4 inches across, of graceful airy effect, and most deliciously fragrant; the colors of the flowers are infinitely varied, from glistening white through shades of red, from flesh pink to crimson, and through blues from silvery lilac to royal purple, some of them having various and distinct colors, as violet with white center, etc.; for bouquets, vases, or as corsage flowers they are of exceptional value. If cut when scarcely opened, will last ten days in water.

This is one of our specialties in flower seed, and the popularity of it has greatly increased during the past few years, owing to the beautiful late introductions we have been able to secure from the finest stock grown on either continent, and any of the large florists will attest to the purity and grand size of our strains. They should be planted where they are to be grown, and at any season of the year, and will bloom about four or five months from planting. They should be planted in the late summer for fall and winter blooming, at which time they bring almost as good prices as fancy carnations.

Under this name is included such popular flowers as Sweet Sultan, Corn Flower, Blue Bottle, Bachelor's Button, etc., and known in all sections of the country and especially popular in California. A great favorite among the florists for cut flowers.

**Centaurea. New, large flowering "Golden West."** A grand new variety that offered for the first time last season. This Giant Sweet Sultan is larger than any we have heretofore offered, is of a light yellow color in the center with a delicate Rose tint on outside petals, even surpassing the Chemallian variety in its colorings and as it comes very true is a great improvement on any variety yet introduced. This is the real king of the Imperialis strain. Pkt. 15c; oz. 75c.

**C. Royal Sweet Sultan or Imperialis** is the improved strain. We have these in the following colors: Pkt. 10c; oz. 50c.

**Centaurea Imperialis Pure White.**  
**Centaurea Imperialis Lilac.**  
**Centaurea Imperialis Bright Lavender.**  
**Centaurea Imperialis Rose.**  
**Centaurea Imperialis Margarete White.**  
**Centaurea Imperialis Purple.**

**C. Cyanus** (Corn Flower, Ragged Sailor), etc., the favorite bright blue sort, so much in demand for cutting. Pkt. 5c.

**C. Cyanus. Mixed colors.** Pkt. 5c; oz. 20c.

**C. Cyanus. Double Blue Cornflower.**

This is identical in color to the popular single blue variety, which is so much indemand for cutting, especially for buttonieres, but, being a full double flower, it takes fewer of them to make a nice bunch, and is better in every way. 15 cts. per pkt., 2 pks. 25c.

**C. Monchata (Sweet Sultan). White.**

**C. Monchata (Sweet Sultan). Purple.**

**C. Suaveolens.** A beautiful large yellow variety. Pkt. 5c; oz. 25c.

**C. Candidissima (Dusty Miller).** This is the best of the so-called "Dusty Miller" plants being more white and dwarfer than the cineraria. Pkt. 10c.

**Cheiranthus. Maritimus.** Virginian stocks mixed. Pkt. 5c.

#### CINERARIA HYBRIDA

Magnificent and indispensable flowering plants for winter and spring decoration for the conservatory or window gardens. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of bloom. The Cinerarias are quite hardy in California and if planted out under shade, bloom to the greatest perfection. Seed may be sown in beds and boxes, carefully protected, and when large enough, may be bedded out or grown in pots. Sown in spring for winter flowers.

**Large-flowering, choicest mixed.** From prize varieties. Pkt. 25c.

**Large-flowering, Striped.** Large, beautifully striped flowers, blue, red, pink, lilac, etc., striped white. Pkt. 25c.

**Stellata. Improved Hybrids.** Tall, pyramidal plants, bearing quantities of medium-sized star-like flowers in immense umbels; an exceedingly decorative pot plant. Colors, white, rose, red, carmine and blue mixed. Pkt. 25c.

**C. Hybrida Grandifolia.** (Benary's Prize). Large flowered. Pkt. 50c.

**C. Hybrida Prize Varieties.** Splendid mixture. Pkt. 35c.

**C. Maritima.** Used for borders. Silvery green foliage. (Dusty Miller). 10c.

**C. Maritima. "Diamond."** New; similar to above, but considered an improvement. Pkt. 10c.

**Clarkia Elegans.** Fine for growing in wild garden. Pkt. 5c.

**C. Rose; single mixed.**

**C. Rose; double mixed.**

**California Poppy.** See Eschscholtzia.

#### CELOSIA CRISTATA (Cockscomb)

Free blooming annuals growing best in rather light soil, not too rich; make

grand border plants and are attractive for pots. Should be sown early, as they stand no frost.

**Empress.** Combs of colossal proportions; they have been grown measuring 24 inches from tip to tip; rich crimson. Pkt. 10c; ¼ oz. 50c.

**Glasgow Prize.** Immense, showy dark crimson combs. Pkt. 10c.

**Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscomb. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. Pkt. 10c.

**Dwarf Mixed.** Fine dwarf varieties. Pkt. 10c.

**Imported Collection of 6 dwarf Cockscombs.** Pkt. 10c.

#### CELOSIA PLUMOSA

##### (Feathered Cockscomb)

Make fine plants for large beds or groups and the plumed flowers can be cut and dried for winter bouquets.

**Thompson's Superb** (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of little more than 2 feet, and producing graceful, feathery plumes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt. 10c.

**Thompson's Magnifica.** Similar to the preceding in all respects except in color, which varies in the most magnificent shades, ranging from the clearest yellow to the darkest blood-red. Pkt. 10c.

**Golden Plume.** Bright, golden-yellow plumes. Pkt. 10c.

**Plumosa, Mixed.** Feathered varieties in the colors. Pkt. 10c.

#### CARNATIONS AND PINKS

The splendid carnation of the florist is a very interesting plant to grow from seed, and it is not over exacting. These can be sown in beds or in boxes at any time of the year, and they will bloom in four to six months after sowing. Young plants are perfectly hardy out of doors. The new race of Margaret carnations are an extra vigorous class, and bloom profusely. For masses of bloom few plants are finer, and for pots also, their neat habit makes them very suitable. Grown as annuals from seed sown in spring they are very satisfactory. Our seed of these varieties is especially grown for us in Europe.

##### TRUE CARNATIONS

**Fine Double Mixed.** The best for garden culture. Pkt. 10c.

**Finest Double Mixed.** Saved from extra fine flower. Pkt. 25c.

**Double white; very fine quality for border.** Pkt. 10c.

**Dwarf Early Flowered. "Vienna."**

**Grenadin, charming. Dwarf and compact. Scarlet.** Pkt. 10c.

**Perpetual or Tree. Very fine mixed.** Pkt. 10c.

**Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown and continues to flower in the greatest profusion indefinitely. Mixed colors. Pkt. 25c.

**Imported Collection of 12 varieties \$1.00.**

**Imported Collection of 6 varieties for 50c.**

#### PINKS, GRASS, BORDER, FEATHER OR SPICE PINKS

##### New Dwarf Large Early-Flowering.

These are great improvements over the charming time-honored inhabitant of old-fashioned gardens. The flowers of this new type are much larger, are borne more profusely on shorter stiff stems. In these new Pinks we have a very large variety of colors and markings; the color, of course, refers to the center of the flower, the remainder being white or blush, with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, blush, spotted,



laced, variegated, etc., and they commence blooming about 1 foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed and emit a clove-like perfume. Mixed colors. Pkt. 15c.

#### MARGARET CARNATIONS

These are deservedly the most popular Carnations with amateurs as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf, robust habit, requiring no artificial support, and producing on long, strong stems an abundance of large, double, beautifully fringed, highly-scented flowers. All the following varieties at 10c per pkt.

Very double choice quality mixed.

Very double choice quality white.

Very double choice quality rose.

Very double choice quality scarlet.

Very double choice quality dark red.

Very double choice quality yellow.

**Cleome.** These are beautiful early flowering annuals, plant seed in early spring. We are offering a new variety, the "Grandis" which is a rich scarlet, free flowering variety. Pkt. 10c.

**Cyclamen Gigantea.** Large flowered variety. Fine strain. Mixed. Pkt. 25c.

**C. Papilio.** New Butterfly Cyclamen. Fine strain. Pkt. 50c.

#### PERENNIAL CHRYSANTHEMUMS

For Chrysanthemum plants, see plant list.

**Japanese Hybrids.** Saved from large flowering named florists' varieties. Sown early in spring, will bring blooming plants, first season. Pkt. 15c.

**Frutescens Grandiflora.** (White Paris Daisy or French Marguerites). They bloom the entire year. Fine for bedding or tall border. Pkt. 10c.

#### ANNUAL CHRYSANTHEMUMS

Summer blooming border plants of compact, thrifty growth, 1 to 1½ feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Sow seed in the open where plants are to stand.

**Single Mixed.** They are sometimes called Painted Daisies, because of their bright-colored flowers. Pkt. 5c.

**Double, Mixed.** This mixture contains all the most desirable colors, from white to deep orange. Pkt. 5c.

**Chrysanthemum, Single.** Mixed annual varieties which look like large single daisies. Fine for cutting. Pkt. 5c.

**C. Carinatum, Double.** Fine for cutting, blooming early from seed. Pkt. 5c.

**C. Carinatum, Double,** with golden foliage, generally having red center

with white on outside petals. Very showy. Pkt. 5c.

**Coleus.** Fine quality. Mixed. Splendid for bedding. Pkt. 10c.

**Coleus.** Exhibition of finest colors and fine foliage. Pkt. 25c.

#### COSMOS

This is one of the notable fall flowers, but can be planted in California at any time of the year. If planted in the spring it will not flower till fall, but if planted during the summer it will be more dwarf and flower about the same time, or if planted in late fall will bloom in the spring. Several new varieties have been added to this popular flower. If topped when half grown will hasten flowering. They should be grown in full open sun. Pkt. 5c; oz. 40c; except when noted.

**Giant Fancy.** Red and crimson

**Giant Fancy White.**

**Giant Fancy Striped.**

**Early Dawn,** of compact bush growth, early flowering. Flowers are white, flushed with rose, pkt. 10c.

**Lady Lenox (New).** A true giant. We exhibited flowers of this marvel over 6 inches across. Color is a deep pink and is very striking. This is the finest cosmos to date, looking like a single dahlia. Pkt. 10c.

**Hybrida Klondyke.** Yellow; smaller than the above, but very pretty. Pkt. 10c.

**Mixed.** Very fine. Pkt. 10c.

#### DAHLIAS FROM SEED

They flower the first season if sown early.

**Choice, Large-Flowering, Double Decorative and Show Varieties, Mixed.** Pkt. 10c.

**Cactus Dahlia, Double, Mixed Colors.** Saved from the choicest show varieties. Pkt. 10c.

One of our customers exhibited in our store a beautiful assortment of single and double varieties, in October, produced from seed planted in early spring. These compared most favorably with the best of named varieties, and he had much more pleasure in knowing they were of his own growing. Although they are perennials, do fine and bloom first year if planted early in the spring.

#### DELPHINIUM (Larkspur)

**Delphinium Belladonna** (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur, never being out of flower from the end of April until frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower, and no hardy border is complete without a liberal planting of this really exquisite Larkspur. Pkt. 20c.

#### DELPHINIUM OR HARDY LARKSPUR

In variety and beauty of its tints, which are as numerous as they are charming, no other plant can equal the delphinium. The brilliant flowers can be seen from a long distance and are strongly effective in beds or masses, in borders, shrubberies, or in combination with white lilies. Ordinarily the tall sorts are planted among the shrubbery of as a background for dwarfs, which are favorites for bedding. Improvements are continually being made in the size of the flowers, as well as in the length and fullness of the spikes. Most of the species flower both early and late; the season for all can be prolonged by cutting away the withered flower-stems. They are sometimes increased by division but are more robust when grown from seed. All the varieties are very easily cultivated, and adaptable to many conditions, but in a soil deeply dug and well enriched with fine old manure their blooms are finest. They must have plenty of room to grow, 1½ to 2 feet each way is not too much for the taller sorts.

**Giant Hybrids.** A splendid race of these hardy garden plants. The seed has been saved from one of the choicest named collections in England, all carefully hybridized, so that plants, spikes and flowers of magnificent proportions will be produced. The individual blossoms are of immense size, semi-double and perfectly double, dressing the graceful, towering spikes for them 2 to 5 feet of their length. The colors and shades are wonderfully lovely and varied, ranging from pure white and most chaste lavender up through every conceivable shade of blue to deep indigo and purple, several shades being blended in some of the varieties. The plants are tall growers, from 4 to 8 feet in height; there are but few plants that contribute so much to the beauty of garden or herbaceous border. By cutting off the spikes immediately after flowering these Delphiniums may be had in bloom for several months. Pkt. 15c.

**N. B.**—We list below six latest novelties in Perennial Delphiniums and most of them we have tested and can highly recommend them.

**Delphinium, Bella Donna.** Light blue with giant flower spikes often making stems 7 to 8 feet high and flower spikes 2 feet. Most gorgeous sight when planted in clumps. This is, we believe one of the grandest of the entire list. Pkt. 20c.

**Delphinium, Blue Butterfly. (Chinese).** This is a new dwarf species with extremely attractive clusters of flowers. Pkt. 20c.

**Delphinium, Speciosum Glabratum.** A handsome, new, hardy perennial Larkspur from the Himalaya Mts. growing about 3 feet high with silky, hairy flowers of a beautiful deep azure blue color. Pkt. 20c.

**Delphinium "Le Mastodonte." (New.)** Dark blue giant flower and spike. This is one of the latest introductions. Pkt. 20c.

**Delphinium, Chiniensis Album.** Pure dwarf white, fine for cutting, giant flowered and excellent variety. The coloring is very rare. Pkt. 20c.

**Delphinium Cashmerianum.** Dark blue Monk's hood like flowers. This is an entirely new species and is an excellent variety. Pkt. 20c.

**D. Elatum.** Fine (perennial), soft clear blue flowers in tall spikes.

**D. Elatum Hybridum.** (Perennial.)

**D. Formosum.** Dark blue, fine perennial, and especially hardy and attractive.

**D. Sibiricum Hybridum.** (Perennial.) Mixed, all colors.

**D. Speciosum.** Fine, deep blue (Perennial.)

**D. Zahil.** Sulphur yellow, very hardy, with long spikes or flowers, 25c.

All of the above 10c per pkt. except where noted.

**D. Cardinalis.** A pure, bright scarlet; very fine and hardy.



Bed of Perennial Delphinium



## ANNUAL LARKSPURS

All the following 5c per pkt. except where noted.

- D. Ajacis Dwarf Rocket.** Finest colors, beautiful for bedding.  
**D. Ajacis Tall Rocket.** Long, showy spikes.  
**D. Ajacis Ranunculus Flowered.**  
**D. Ajacis Tall Branching.** Choice mixed.  
**D. Emperor.** Branching rose. Very bright and showy.



Annual Larkspurs

- D. Emperor.** Branching white; fine for cutting, with erect spikes.  
**D. Hyacinth Flowered Giant.** Mixed.  
**D. Improved Branching.** Finest mixed.  
**D. Dwarf Branching.** Finest mixed.

## DIANTHUS-PINKS

All the following varieties, pkt. 10c each. Any 4 for 35c; 9 for 50c.  
**Dianthus Plumarius Semperflorens;** Florist Pink. Hardy class; very fragrant. Double mixed. 10c.  
 Also see Carnations.

- Double Chinese Pink,** extra choice mixed. Single Chinese, extra choice mixed.  
**Heddewigi fl. pl.,** double Japan, best mixed.  
 Single, extra fine mixed.  
**Single Nobilis,** new Royal Pinks, in choicest mixture.  
 Eastern Queen.  
 Crimson Bell.  
**Snow Queen,** best double white  
**Mourning Cloak,** double.  
**Diadematus fl. pl.,** (Diadem Pink.) double.  
**Laciniatus Mirabilis,** new, very fine Double striped.  
**Snowball,** dwarf.  
**Fireball,** dwarf.  
**Salmon Queen.**  
**Double Imperial Pinks** Imperialis fl. pl.) mixed.  
**Plumarius.** Single Pheasant's Eye. pink.  
**P. New Early Flowering.** double, extra choice.  
**P. fl. pl.,** double mixed.  
**P. Semperflorens.** Florists Pink. Double and single mixed.  
**Barbatus** (see Sweet William).  
**Dolicho** (Hyacinth Bean). See climbers.

## DIGITALIS OR FOXGLOVE

These improved Foxgloves are very showy, hardy perennial plants for the

## Dimorphoteca Aurantiaca.

Rare and extremely showy annual from Namaqualand, South Africa, which will soon become a great favorite in all countries on account of its very easy culture and its beautifully colored flowers. The plants, of very neat branchy habit, grow about 12 to 15 inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  inches in diameter, show a unique, glossy rich orange gold, which brilliant coloring is rendered the more conspicuous by the dark colored disc surrounded by a black zone. This splendid annual is well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. Pkt. 10c.

garden and herbaceous border; they are easy to grow and produce freely long spikes, standing 4 to 5 feet high, well furnished with large Gloxinia-like-flowers of various colors including white, cream, rose, red and other shades all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. They are more robust than the ordinary garden Digitalis, have shorter stems and larger flowers.

**Digitalis Monstrosa,** Mixed colors. A very unique and beautiful type, producing long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell-shaped blossom that tops each spike of flowers. Pkt. 10c.

**Digitalis Purpurea Monstrosa Alba.**  
**Digitalis Purpurea Monstrosa Rubra.**  
**Digitalis Purpurea Monstrosa.** Mixed.  
**Gloxiniaceflora Alba.** White.  
**Gloxiniaceflora.** Lilac.  
**Gloxiniaceflora.** Purple.  
**Gloxiniaceflora.** Rose.  
**Digitalis Gloxiniaceflora.** Finest mixed 10c.  
**Digitalis Purpurea.** Mixed.  
 (Each 5c per pkt. except when noted.)

"GOLDEN WEST"  
POPPIES

An improved strain of our California Wild Poppy, which is so popular. Can be planted any time of year and is a perennial if kept well watered, otherwise is treated as an annual. Flowers are very large, often 4 to 5 in. across, of deep orange yellow. Pkt. 10c;  $\frac{1}{2}$  oz. 15c; oz. 25c; lb. \$2.50.



Poppies—Golden West (Eschscholtzia)

**Dusty Miller.** See Centaurea and Cineraria.

**Eremurus Bungel.** A remarkable plant flowers spike to 8 feet and 1 ft. thick. Very showy. Pkt. 25c.

**Erigeron Aurantiacum (Orange Daisy).** Large flowering in great variety, a good and new daisy with beautiful colorings. Grown same as Perennial asters or Pentstemons. Pkt. 15c.

**Erigeron Coulteri.** A white variety. Pkt. 15c.

**Erigeron Speciosus Hybrid.** In many beautiful colors. Pkt. 15c.

**Erigeron Speciosus.** (The Midsummer Daisy. An attractive perennial large clear pale mauve flowers with bright golden centres. Excellent for cutting. Height 18 inches. (Illustrated). Per pkt. 15c. See Perennial Aster.

**Festuca Glauea (Perennial).** A "blue gray" Grass-like plant that makes a beautiful border along walks or beds. grows about 6 inches high and is quite hardy. Plant in small bed or box and transplant. Pkt. 10c.

**Forget-Me-Not.** See Anchusa and Myosotis.

**Francon Ramona Hybrid.** "Bridal Wreath," a magnificent new flower (biennial) often blooming first year if planted early. Highly recommended. Pkt. 20c.

**Fuchsia Hybrid.** Mixed. Pkt. 10c.

**Freesia.** This bulbous plant is generally grown from bulbs, but the seed is an easy way of growing them. a good time to plant seed is in latter part of summer or early fall. These will bloom freely the coming spring. Pkt. 10c.

ESCHSCHOLTZIA  
CALIFORNIA POPPY

**Eschscholtzia.** California Poppy. Too well known to describe. This plant can be kept blooming from year to year if kept watered.  
 Common California poppy. Pkt. 5c.  
 E. White. Pkt. 5c.  
 E. Mixed, all colors. Pkt. 5c.  
 E. Mandarin. Pkt. 5c.

## GAILLARDIAS

The flowers are exceptionally large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as dazzling scarlet with gold edge, blood-crimson with yellow edge, yellow, fiery crimson and many others. These magnificent Gall-



lardias are hardy perennials, less coarse and more compact in growth than the older kinds and they produce a constant succession of flowers all summer and fall when grown in large groups they are gorgeously effective. As cut flowers they are almost unrivaled; the immense and brilliant flowers on long, self-supporting stems, "vase" handsomely and they last in water for days.

**Giant Hardy Hybrid Gaillardias, Mixed Colors.** Pkt. 10c.

**Gaillardia Grandiflora.** Splendid mixed. Pkt. 10c.

**Gaillardia grandiflora semi-plena.** This novelty produces semi-double flowers nearly 4 inches across; colors light yellow, deep golden and sometimes tinged with red. The velvety-maroon disk forms a brilliant contrast. Hardy perennial. Pkt. 15c.

**Gilia.** Fine for wild garden or Rockery. Pkt. 5c.

**G. Tricolor (mixed varieties.)**

**Gladiolus Lemoines.** Finest mixed. Pkt. 10c.

**G. Childsi.** Robust class. Pkt. 10c. Nothing is more easy of growth than these plants. Will bloom first year from seed. Sow in beds and transplant.

**Glaucum Fischeri.** (Horn poppy). A silver green foliage plant resembling Dusty Miller with large flowers. Pkt. 10c.

**Glaucium.** Horned Poppy. Perennials, but generally treated as annuals. Silver green foliage; fine for borders. Pretty flowers. Pkt. 5c.

**G. Corniculatum.** Vivid red. Pkt. 5c.

#### GODETIAS

Godetias are splendid free-flowering annuals for summer bedding, with heads of cup-shaped flowers, blooming for a long period. The flowers when cut retain their beauty for some days in water. The flowers afford magnificent display when grown in masses. Each variety, pkt. 5c.

**G. Duchess of Albany.** Dwarf, pure white. Grows about 1 ft. high.

**G. Duchess of Albany Compacta.** Very dwarf, grows about 6 inches high. Splendid for bedding flowers; pure white.

**G. Lady.** Satiny rose. Extra fine; a new dwarf variety of beautiful habit and form. Pkt. 10c.

**G. Mixed Tall varieties.**

**G. Mixed Dwarf Varieties.**

#### GOURDS

Ornamental climbing or trailing plants of great diversity of shapes and colored fruits. They should be planted in early spring. Each 5c per pkt. except when noted, 10c per oz.

**Dish Rag—two varieties.**

**Calabash shaped.**

**Bottle shaped (Lagenaria).**

**Dipper shaped.**

**Egg shaped.**

**Hercules Club (Teddy's Big Stick).**

**Mock Orange.**

**Balsam Apple (Mormodica).**

**Balsam Pear (Mormodica).**

All varieties mixed pkt. 5c; oz. 10c.

Collection of 8 varieties, 25c.



Gourds

**Gomphrena.** (Globe Amaranth). Sometimes called "Bachelor Button." Pkt. 5c.

Tall, mixed.

Dwarf, mixed.

**Gazania Hybrida Grandiflora. Mixed.**

"Black-eyed Susan." Most all are familiar with the old variety, but this new strain is a great acquisition as one can get all shades from white to deep orange colors. Pkt. 15c.

**Golden Glow.** See "Rudbeckia."

#### GYPHOPHILA (Baby's Breath)

Pretty free flowering, elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. (See cut.)

**Elegans alba Grandiflora.** This is an improved large-flowering, pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. Per oz. 30c; pkt. 5c.

**Muralis.** An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost fine for edging. Per 1/4 oz. 15c; pkt. 5c.

**Paniculata.** White flowers, fine for bouquets; one of the favorite hardy perennials, blooms first year if sown early, 2 feet. Per 1/4 oz. 15c; pkt. 10c.

**Genista Andreana.** The finest variety of the Genista grown, and entirely distinct from all others. The upper petals are clear golden yellow, forming a striking contrast to the rich velvety brownish scarlet of the lower petals, and making a brilliant and showy flower. Genista Andreana makes a fine specimen shrub. Pkt. 10c.

**Geum. (Avens).** Pretty border plants, growing about 18 inches high and producing showy, bright colored flowers the greater part of the year.

**Coccineum—**with brilliant scarlet flowers. Pkt. 10c.

**Gerbera Jamesoni. "African Daisy."** Grand for cutting with beautiful deep scarlet daisy-like flowers, three to four inches across. A perennial of the grandest coloring, recently introduced. 10 seed, 15c; 100 seed \$1.

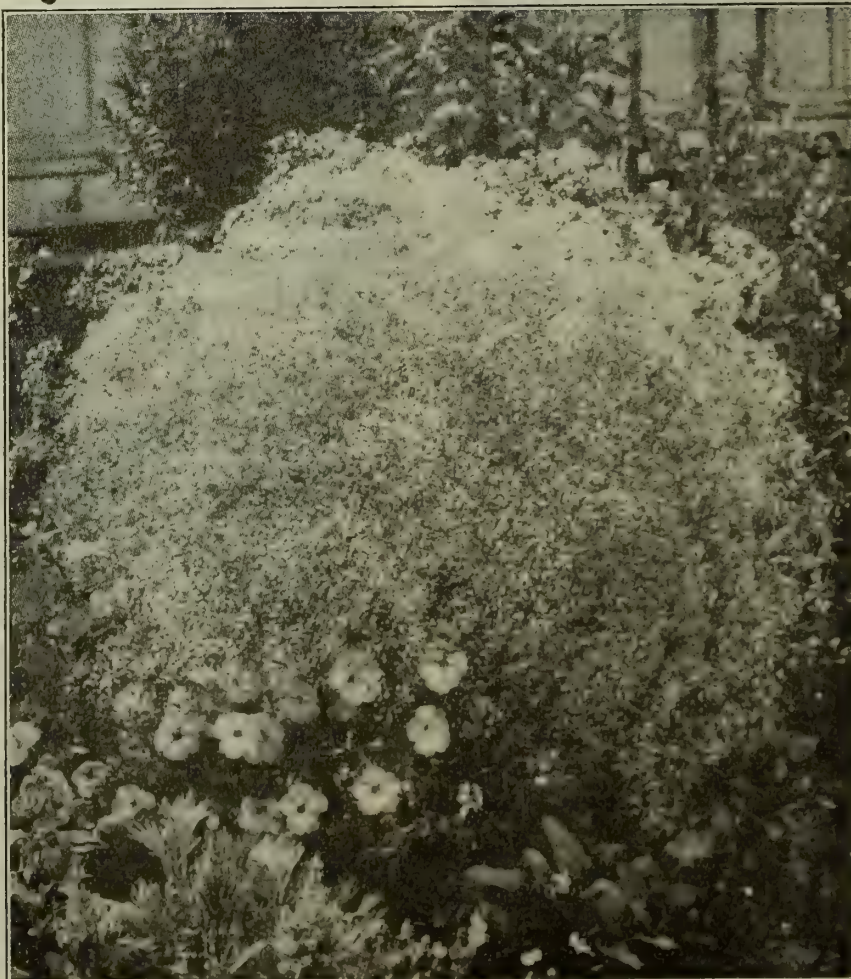
**Gerbera Jamesoni. Hybrida Mixture.** Novelties of the greatest merits, running in colors from white and pinks to the deepest scarlet. 10 seed 20c.



Gerbera Jamesoni "African Daisy"

**Hypericum.** (St. John's Wort.) Mixed varieties. One of the best hardy perennial bushy shrubs we list. Always in bloom, mostly of a clear yellow color, with long crimson anthers and yellow stamens. Pkt. 10c.

**Heliotrope.** New Giant flowered hybrids mixed, all colors, from very light blue to dark blue. Blooms in very large clusters and grows much more robust than the old variety. Pkt. 10c.



Gypsophila "Baby Breath" or "Angels Breath"



### HUNNEMANIA *Fumariaefolia* Giant Yellow Tulip Poppy

This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 3 feet high, are quite bushy, with beautiful, feathery glaucous foliage.  $\frac{1}{4}$  oz. 25c; 10c per pkt.

### HOLLYHOCKS

Hardy perennials or biennials, mostly treated as the latter, but most of them if planted in early fall or winter will bloom within the year. "Hybrida" or Allegheny species will bloom first year without trouble.

The double German and Chater's superb strains, are best treated by sowing seed in spring or summer for next year's blooming.

These are all garden favorites and are known to everyone, and we would recommend them for showy effect in the background of borders. There is nothing that can surpass them but remember they grow from 5 to 9 feet high.

**Hollyhocks Hybrida**, or new single. everblooming, fine and showy, blooming from seed 5, 7 and 8 months from seeding, of easy culture and hardy perennial, large plant, grows 5 to 8 feet. Pkt. 10c.

**Hollyhock Hybrid**, Double. Same as above but with double flowers. Pkt. 15c.

**Allegheny**, Semi-double. Mixed colors, with fringed flowers. Pkt. 10c.

**Hollyhocks**, Giant Double German. In good mixture. Pkt. 15c.

**Chater's Superb Prize**, a fine class, crepe-like flowers. Pkt. 15c.

### ROSELLE or Lemonade Plant

**Hibiscus Sabdariffa**, Jamaica Indian Sorrel. This is the plant that furnishes the "Roselle Hemp" of the Madras Territories where it is called Roselle. In the West Indies it is used for making cooling drinks and jellies. Pkt. 10c; oz. 30c.

**Helianthus**, (Sunflower.) A large double variety. Pkt. 5c.

**Helichrysum**, Everlasting Flower.

very fine class.

**H. Bracteatum**, Fine mixed. 5c.

**H. Monstrosum**, Very large flowers. 10c.

**Impatiens Sultan**, Hybrids; finest mixed. A very useful plant for bedding. 10c.

**Jerusalem Cherry**, See Solanum.

**Kochia Trichophylla**, (Summer Cypress) Forms highly decorative bushes; foliage green, turning to red in autumn. Pkt. 10c.

**Linum Grandiflora**, (Scarlet Flax). Pkt. 5c.

**Lupinus (Lupinus)**, Fine for bedding, 5c.

L. Hybridas, mixed varieties.

L. Hybridas, Nanus, dwarf mixed.

L. Hybridas, tall sorts, mixed.



California Lupinus

**Linaria Maroccana Excelstor**, New hybrid of this free blooming annual in varied colors, such as dark violet, bright blue, rose, dark carmine, and shades of yellow. They make a fine show in masses sown out of doors. Beautiful for bouquets. Lasts 10 days. 15c.

L. Aparinoides, Golden Gem. 10c.

L. Bipartita, (Elegans), Purple 5c.

L. Bipartita, (Elegans), White. 5c.

**Lobelia**, A small plant, largely used as border or for hanging baskets. All 10c per pkt. except when noted.

L. Royal purple (Compacta), dark stalks, flowers deep blue with white eye.

L. Erecta (Compacta), Fine blue.

L. Crystal Palace Dwarf.

L. Erinus Gracialis; twining.

L. Pumila, Magenta red, white eyed.

**Larkspurs**, See Delphiniums.

**Lunaria**, An old garden favorite, cut when the seed pods are young and dry. They are largely used in this way for bouquets. Pkt. 5c.

**Lathyrus Latifolius**, "White Pearl." "Hardy Everlasting Pea." A grand new snow white variety with flowers double the size of the old type and produced in very large trusses of from 8 to 20 on a stem, blooming most all season. Plant is of most robust habit and is sure to become very popular, not only as a climber, but as a cut flower. Pkt. 15c.

**Lathyrus Latifolius**, Perennial pea, white, pink and red. Each per pkt. 5c. Mixed, pkt. 5c.

### MARIGOLDS

**Culture:** The seed may be sown most any time, and the plants pricked off into a good rich compost. Care must be taken that they do not suffer from want of water, as when the roots become matted on the surface they are apt to cheat the cultivator, the soil on the top appearing damp after watering, while it may be dust dry beneath. Harden off, and plant out in well prepared and rich soil, 15 inches apart. The after treatment should be somewhat liberal till the bloom buds appear, when it may be moderate, or water only used. The great point is

to secure strong healthy plants which may be expected to produce large fine blooms. If blooms are required for exhibition, not more than four branches should be allowed on each plant, and only one bloom on each branch.

**Marigold (Tagetes)**, Fine for bedding.

M. Tall dwarf African. Pkt. 10c.

M. Dwarf double African. Pkt. 10c.

M. Tall double French. Pkt. 5c.

M. French double dwarf. Lilliput. Pkt. 10c.

**Marigold Lemon Queen (African)**, A fine variety of the large flowered type. This and Eldorado are the finest of the class. The Queen being lighter in color than the other. Pkt. 10c.

**M. Eldorado**, The best variety with large double blossoms. Called "The African Marigold." Pkt. 10c.

**Morning Glory**, Dwarf, not climbing. 5c. Other Morning Glories see climbers.

**Matricaria Eximia**, Double white. Pkt. 5c.

**Mignonette**, See Reseda.

### MYOSOTIS (Forget-Me-Not)

**Palustris Semperflorens**, A perennial variety that is hardly ever out of flower; useful in a shady spot in the border and for forcing for cut flowers in the winter. Pkt. 10c.

**Alpestris robusta grandiflora**, The large perennial spring flowering Forget-Me-Not, with intense sky blue flowers, bright and attractive. Pkt. 10c.

**Myosotis**, (Forget-Me-Not). Old time favorite. 5c.

M. Alpestra, Fine mixed.

M. Victoria, Sky blue; dwarf.

### NEW MYOSOTIS, OR "FORGET-ME-NOTS"

**Ruth Fischer**, This splendid Forget-me-not created a sensation last season and took first prizes at the show



Crystal Palace Lobelia.

In Berlin, Dresden, Ghent and Mannheim. The plant is of compact habit with glossy dark green foliage, above which is carried on sturdy stems large clusters of immense pure Forget-me-not blue flowers,  $1\frac{1}{2}$  inches across or larger than those of any other other known myosotis. The plants of unusual hardiness, withstanding zero weather, are in consequence especially valuable for spring bedding effects. They also make fine pot plants, forcing easily. Pkt. 25c.

**The Sylph**, A new silvery-white flowering Forget-me-not of compact, dwarf growth. The clusters of flowers are carried on long stems, well above the foliage. Pkt. 10c.

**Myosotis Oblongata Perfecta**, A good winter blooming Forget-me-not. This variety will bloom profusely all winter under a treatment somewhat similar to that given our violets. Sow in the spring or early fall, plant the young seedlings out in the open in good soil, give ordinary good culture, combined with copious watering and frequent sprinkling. Pkt. 10c.

**Myosotidium Nobile**, "New Zealand Forget-Me-Not." This beautiful Forget-me-not is known as the Chatham Island Lily. It is most robust and beautiful of all the species. Throws its flower stems 18 to 24



Linaria, Our Special Mixture.



inches above the foliage, heads of bloom are of a deep blue color, edged with white. Most remarkable and distinct of all New Zealand plants. Pkt. 15c.

#### MIGNONETTE

We can highly recommend our various strains of this fine flower. Mr. P. O. Barnhart, a critical grower, says of our Mignonette Goliath. "It is by far the largest and finest I ever saw in mignonettes." And his many orders testify to its superior quality.

**Allen's Defiance.** A fine strain of giant flowered, white variety. Pkt. 10c; oz. 25c.

**Parson's White.** A great favorite for bedding, having large white spikes. Pkt. 10c; oz. 20c.

**True Machet.** One of the finest for florist use; large spikes of beautiful colors; orange to red. Pkt. 10c; oz. 50c.

**Giant Pyramidal,** an upright grower with large spikes. Pkt. 10c. oz. 20c.

**Large Flowering,** mixed, a fine strain. Pkt. 10c. oz. 15c.

**Goliath.** This is by far the best Mignonette, surpassing even our selected strain of Giant Machet. The plants grow in fine pyramidal bushes the foliage is rich green, contrasting strikingly with the bright red of the flowers. The flower stalks are tall and strong, while the spikes are often 7 in. long and 2 in. in diameter. Mignonette delights in very rich (not freshly manured) soil, and requires watering. Pkt. 10c, ¼ oz. 35c.

**Moon-Wort.** See Lunaria.

**Mourning Bride.** See Scabiosa.

**Marguerite.** "Paris Daisy." Largely used as a bedding plant; also for hedge; always in bloom. Pkt. 10c.

#### NASTURTIUM

##### Tall Sorts

Any of the following 5c per pkt. 15c per oz., ¼ lb. 35c, except where noted.

**Atropurpureum.** Crimson.

**Chameleon.** A splendid mixture, produces different colored flowers on a plant; ours is the true strain and extra selected.

**Coccineum.** Bright scarlet.

**Jupiter.** Best and largest yellow.

**King Theodore.** Rich deep red, dark foliage.

**Luteum.** Yellow.

**Pearl.** Whitish, also called "Moonlight."

**Vesuvius.** The most gorgeous fiery rose imaginable.

**Spitfire.** Brilliant scarlet.

**Brilliant.** Dark scarlet.

**Golden Queen.** Yellow.

**Ivy-leaved.** Scarlet.

**Lucifer.** Very dark scarlet.

**King of the Blacks.** Black-brown.

**"Firefly."** Dark orange, spotted and flamed blood-red; the spur is also blood-red; foliage and stems dark.

**Primrose.** Creamy white with brown spots, large flowered.

**MADAM GUNTHER'S HYBRIDS, true.** We have an extra choice strain.

**Tall Sorts in Finest Mixtures, 1 lb. \$1.**

##### DWARF SORTS

All sorts. Pkt. 5c; oz. 15c; ¼ lb. 35c.

**Aurora.** Deep chrome yellow blotched carmine.

**Chameleon.** Mixed, new.

**Cloth of Gold.** Flowers scarlet, foliage yellow.

**Coccineum.** Bright scarlet.

**Crystal Palace Gem.** Sulphur, spotted maroon.

**Dark Crimson.** Rich color, green foliage.

**Empress of India.** Deep crimson, dark-leaved.

**King of Tom Thumbs.** Scarlet, dark-leaved.

**King Theodore.** Rich red, dark bluish foliage.

**Ladybird.** Golden yellow, barred with ruby crimson.

**Pearl.** Whitish.

**Ruby King.** A peculiar, blue-tinted red.

**Spotted.** A handsome sort.

**Yellow.** (Luteum).

**Dwarf Nasturtiums.** All colors mixed. Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

**Nigella (Love-in-a-mist).** An old garden favorite. Pkt. 5c.

**Nemophila.** (Baby-blue-eyes). one of our most beautiful native flowers. For wild gardens. Pkt. 5c.

**N. Insignis;** blue.

**N. All sorts mixed.**

**Oenothera.** Evening Primrose. Annual sorts. Mixed. Pkt. 5c.

**Phacelia Campanularia.** Annual of great merit, very hardy and most valuable on account of the beautiful pale blue flowers which are borne in clusters. Fine for cutting. Pkt. 10c.

#### POPPIES

##### (Annual and Perennial)

**Poppy Alpinum.** A hardy biennial blooming first year. We offer these in fine mixture as white, yellow, orange, Chamois, etc. Pkt. 10c.

**Giant Shirley.** A great advance in single-flowering annual poppies. The flowers are immense, often measuring 3 to 4 inches across, the petals are fluted and crinkled and in the sunlight appear like ruffled satin. The plants are well branched, about 24 inches high, and they bloom in continuous succession for weeks. There is white, white-veiled, pink white-splashed crimson, rose banded with white, salmon, carmine, blush, scarlet, and many splashed, striped, dotted and edged, etc. Pkt. 5c. oz. 35c; ½ lb. \$1.50.

**Shirley Poppy.** Single flowered in the following separate colors, which come



Shirley Poppy

pretty true. White, rose and carmine. Each per pkt., 10c, 3 for 25c.

**Poppy Scarlet.** Improved new strain orange scarlet with golden anthers. Very free bloomer. A fine thing for early flowers. Pkt. 10c.

**New Iceland Poppies.** This new strain contains many new colors and shades including blush, salmon, coral-pink, orange-rose, white, lemon, orange striped, flecked, edged, blended, etc. Although hardy perennials, these poppies bloom the first season from spring-sown seed. The fragrant, elegant, crushed, satin-like flowers are produced in never ceasing succession from the beginning of June to October. Mixed colors. Pkt. 10c.

**New Giant Oriental Poppies.** Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height 2 to 3 feet; flowers im-

mense, often 6 inches across. Colors, salmon, fiery-scarlet, rose, lilac and copper color, pink-blotched, purple, blood-red blotched black, orange, etc. Mixed colors. Pkt. 10c.

**Colosseum Poppy.** A new giant flowering hardy Oriental poppy, producing flowers 8 inches across or 24 inches in circumference. Color, rich, shiny, dark scarlet, with a black spot at the base of each petal. Pkt. 10c.

**Poppy Danebrog.** A brilliant scarlet with white center. Pkt. 5c; oz. 25c.

**Poppy Mikado.** Double white with deep rose edge. Pkt. 10c.

**Poppy Miss Sherwood.** A pure satiny single white. Pkt. 10c; oz. 20c.

**Poppy "Maid of the Mist."** Light shade of pink. Pkt. 5c; oz. 20c.

**Poppy Admiral.** Large single, white with scarlet edging. Pkt. 10c.

**Poppy Fire Dragon.** Brilliant deep scarlet with black spots margined white. Pkt. 5c; oz. 25c.

**Poppy Bracteatum.** Perennial Giant flowered, scarlet with black center. A very showy variety and highly recommended. Pkt. 5c.

**Poppy, Double Shirley.** Improved fancy strain called Ranunculus Poppy on account of their striking resemblance to that flower. The lasting qualities are very good. Pkt. 5c. oz. 20c.

**Poppy Tulip (Glaucum).** A large single flower of vivid scarlet, very hardy and good for sowing in fall and winter. A bed of these makes a gorgeous sight. Pkt. 5c; oz. 20c.

**Poppy, "Carnation."** A tall class of double flowered Poppies. Pkt. 5c; oz. 20c.

**Poppy, Giant English Scarlet.** A finer new scarlet flowered single, fine for bedding. Pkt. 5c; oz. 20c. lb. \$2.50.

#### PENTSTEMON

Very ornamental plants that make a splendid effect in borders, etc. They bloom practically the whole year. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in cool, shady bed and transplant. Perfectly hardy in most any situation.

**Pentstemon.** Mixed. Handsome sorts. 10c.

**Polinsettia.** Christmas flower. Five seed 10c.

**Polygonum Posumbu.** (New.) The plant grows only about 12 to 14 in. high, producing a mass of dark green glossy leaves somewhat undulating from which emerge the small rosy panicles. Mr. Max Leichtlin writes in the Vienna Illustrated Garden Journal, "The plant is very graceful and it will certainly become a most valuable market plant all the more as it is of the easiest culture." Pkt. 10c.

**Portulaca.** Grandiflora. Double mixed. 10c.

**P. Grandiflora.** Single mixed. Pkt. 5c. Separate colors. Pkt. 10c each, 3 for 25c.

**P. Single.** White.

**P. Single.** Red.

**P. Single.** Pink.

**P. Single.** Variegated.

**P. Single.** Scarlet.

#### PHLOX—DRUMMONDII

##### (Flame Flower)

The Annual Phloxes are dazzling in effect, particularly so when sown in masses or ribbon beds of contrasting colors. Few flowers are so easily grown from seed—and if given good soil and care can be grown throughout the year—and do as well in winter as any of our bedders.

Plant tall sorts 1 ft. each way. Dwarf sorts 6 inches—best to sow in bed or box and transplant.

A fine effect is obtained by planting the beds with different colors so they harmonize. The plants will be more bushy and cover the bed better if pinched back while small. For early plants, seed should be sown in boxes in the house, or sown in the open ground as soon as the weather will permit. Sow seed in the border or in



the veg etable garden if wanted for cutting. Sow like lettuce and when two or three inches high they should be transplanted five or six inches apart where they are to grow. Use rich soil.

#### Large Flowering

The large-flowering kinds are a decided improvement on the Common Drummond, producing flowers twice the size of the latter, in the most brilliant colors imaginable.

**Alba.** Pure white, extra large.

**Intense Scarlet.**

**Rosy Carmine.** White eye.

**Rosen.** Pink, white eye.

**Vivid Crimson.** Large white eye.

**Large Yellow.** A very fine color, quite novel and distinct; fine flower.

**Scarlet Striped.** Beautiful.

**Black Brown.** The darkest of all.

**Stellata Splendens.** Clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.

**Alba Oculata.** Pure white, claret eye.

**Blue.** White eye, very beautiful.

**Cream Color.** New.

**Sky-Blue.** Striped white.

**Dark Salmon-Rose.**

Any of the above, Pkt. (100 seeds) 5c.

Any 6 for 25c; ¼ oz. 30c; oz. \$1.00.

**Large Flowering Phlox in Splendid**

**Mixture.** Includes all the above and many other shades and colors. Pkt.

(250 seeds), 10c; ¼ oz. 25c; oz. 75c.

Imported collection of 6 colors, 25c.

Imported collection of 12 colors, 50c.

#### PRIMULA (Primrose)

The charming and beautiful Chinese Fringed Primroses and obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of our most important winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in January, February, March, April or May. The hardy varieties are also deserving of wide cultivation.

These are mostly grown as pot plants, and are fine for winter blooming plants.

**Large-flowering Chinese Primroses.**

**Choicest Mixed.** This mixture contains nothing but the finest fringed free-flowering sorts, and cannot fail to give entire satisfaction. Pkt. 25c.

**Obconica Grandiflora.** A profuse bloomer, bearing on long stems heads containing 10 to 15 flowers. Pure white, shading to lilac. Pkt. 25c.

**Obconica Fimbriata.** A fringed variety of the above, the flowers being as finely fringed as the Chinese Fringed Primrose. Pkt. 25c.

**Forbest (Baby Primrose).** This is the freest-flowering primula we know of. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never ending profusion. Pkt. 25c.

**Primula Cortusoides Sieboldi.** (Japanese Primrose). These are not so well known as they deserve; they are of free growth, with dark green foliage, and throw up in late spring innumerable stems of large flowers, varying in color from pure white to rich crimson. They succeed under the same conditions as the common hardy Primroses, and are also useful for forcing under glass, making beautiful pot plants. Pkt. 15c.

**Vulgaris (English Primrose).** Flowers fragrant, canary-yellow color. ¼ oz. 50c. Pkt. 15c.

#### COWSLIP (Primula Veris)

A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant; 6 in. Pkt. 10c.

#### POLYANTHUS (Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor

culture; hardy perennial; 9 inches.

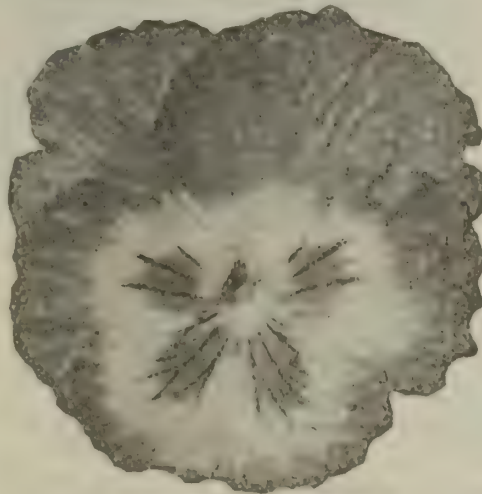
**English.** The best single; all colors mixed. Pkt. 10c.

#### PRIMULA

**P. Auricula.** Mixed, finest quality Pkt. 10c.

**P. Floribunda.** Yellow; fine winter bloomer. Pkt. 25c.

**P. Chinensis.** The Chinese large flowering. Pkt. 15c.



## PANSIES

Our Pansies are the best strain we can secure and our many years' experience with this plant assists us in selecting the best sources for our supply, and the blending of varieties for our many mixtures. We have exhibited these at many shows and believe there are none to surpass them in size and beauty. Our mixtures are fine, and we know cannot be surpassed anywhere.

Pansies are perfectly hardy in California and one can have flowers all the year through, but summer flowers are not quite so large as those grown in cooler months.

**Cultural directions.** Plant the seed in July and August under cloth cover, for fall and winter blooming; or in late Fall for spring flowering. The seed should be covered very lightly not over ¼ inch, and kept cool and damp. When large enough, transplant.

#### PANSY—Orchid Flowered

**Collection of 12 Giant Pansies.** This collection contains one packet each of 12 of the largest and most beautiful Pansies in cultivation. Price 75c.

**Orchid Flowered or Giant Ruffled Pansies.** A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from centre to circumference, not unlike "frilled" velvet. The unusual substance of the flowers, aided by these corrugations, thus enables them to present bold, open and handsome faces, even during windy or dry summer weather, when other pansy flowers flop or wilt. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met with in other pansies. The plants are vigorous and large, and flower abundantly. Mixed colors. ¼ oz. 80c; oz. \$4.00; pkt. 25c.

**Morris & Snow's Superb Giant Prize Pansies.** A distinct new type of Pansies of greatest merit. The flowers are of giant size and are borne in profusion—well-grown they measure 3 to 3½ inches across—and of most gorgeous effects, blotched, spotted, marbled, veined, striped and blended, colors passing through reds, rose, pink, white, purple, in beautiful and indescribable variegation. Mixed colors. ¼ oz. \$1.00; 1 oz. \$6.00; pkt. 25c.

**Mammoth Parisian Pansies.** The Parisian Pansies are distinguished by their magnificent and varied colors and strong markings. There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of yet another hue. The combinations are composed of shades of cinnamon, violet, canary and orange-yellow, black, garnet, light blue, indigo, cream, etc. These pansies have been brought up to a high standard of excellence the flowers being of fine substance, perfect shape and of mammoth size, measuring, when properly cultivated, four inches across. A large number of these Pansies are also very fragrant. Mixed colors. ¼ oz. 75c; pkt. 25c.

**Giant Cassiers, Odier-Bognot Mixture.** The seed is saved from the greatest varieties of types, including only the best of Giant Cassiers, Bugnots, Trimardeau, 5-blotched Odier, Giant English, French and German Hybrids, etc., resulting in the greatest variety of coloring, marking, blotching, veining, etc., for brilliant and attractive beds. Mixed colors. ¼ oz. 60c; pkt. 25c.

#### Pansy Mixtures

**All colors, mixed.** Pkt. 5c; oz. \$1.50.

**English Show (Faced) Varieties, mixed.** Pkt. 10c; ¼ oz. 40c.

**Large-flowered French Varieties, mixed.** Pkt. 15c; ¼ oz. 50c.

**Cassiers Improved Fancy Strain.** Pkt. 25c; ¼ oz. 75c.

**Masterpiece, new.** The highest perfection in the Giant Five spotted. Pkt. 25c; ¼ oz. 60c.

**Trimardeau's.** All colors mixed. (True Giant.) Pkt. 25c; ¼ oz. 50c.

**Morris & Snow's Superb Giant Prize mixture,** the best on the Coast. Pkt. 25c; ¼ oz. \$1.00; oz. \$6.00.

**Morris & Snow's Non Plus Ultra Mixture.** A very superb mixture. Pkt. 20c; ¼ oz. \$1.10; oz. \$4.00.

#### PANSIES

**In named and separate colors**

Last season our strains of Pansies were praised above everything grown for the market.

#### Morris & Snow's Prize Pansies

Any of the following varieties 10c per pkt.; ¼ oz. 40c.

**Snow Queen.** Satiny white.

**Azure Blue.** Light blue.

**Cardinal.** Brownish scarlet.

**Dark Blue.**

**Emperor William.** Light blue.

**Dr. Faust.** Pure black. King of the Blacks.

**Lord Beaconsfield.** Purple, shading to lavender.

**Mad. Peret.** Purple-red, shading to white.

**Meteor.** Reddish brown.

**Prince Bismark.** New yellow bronze.

**Pure Yellow.**

**Pure White.**

**Victoria.** Red.

**White, dark center.**

**Yellow, dark center.**

**Morris & Snow's Superb Giant Prize Pansies**

Pkt. 10c; ¼ oz. 60c.

**Giant Auriculiflora.** Rare shadings with eye.

**Giant Azure Blue.** Light blue.

**Giant Emperor William.** Blue.

**Giant Fireking.** Bright red and yellow

**Giant Indigo Blue.**

**Giant King of the Blacks.**

**Giant Lord Beaconsfield.** Purple, shading to lavender.

**Giant Pure Yellow.**

**Giant Pure White.**

**Giant White.** With eye; white flowers with large, deep violet spots on each of the lower petals.

**Giant Yellow.** With dark center.

**Giant Striped.** The perfection of all striped varieties handsomely flamed or striped in rich contrasting colors.

**Giant Pelargoniflora.** Mixed color.

**Giant Golden Queen.** Pure yellow.



**PLATYCODON**

(Chinese Bell Flower.)

One of the best hardy perennials, producing very showy flowers the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April.

**Platycodon (Balloon Flower, or Japanese Bell-flower).** Are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

**Grandiflorum.** Large steel-blue flowers.  $\frac{1}{4}$  oz. 25c; pkt. 5c.

**Album.** Pure white variety.  $\frac{1}{4}$  oz. 25c; pkt. 5c.

**Giant Ruffled Petunia****PETUNIA**

Once fairly started, the Petunias grow almost as easily as weeds and furnish bloom the entire year. The large-flowered Petunias are very beautiful and of almost endless variety. The seed of the Double and Giant-flowered Petunias is made expensive by the great amount of labor involved in hand-fertilization, and it is well to handle seed and tiny seedlings with some care. Sow in beds or boxes of fine soil, and cover with sacking, cloth or glass, at any time of the year. The common varieties may be sown broadcast where they are to grow, although they may be treated the same as the more tender sorts. When they are large enough, transplant about one foot apart in garden beds. The seed of the double varieties has not so much vitality as that of the single sorts and needs a little more care in watering to be sure of germination. We have no better plants borders, window-boxes, baskets and vases. They will grow in almost any soil and bloom profusely through long droughts. The newer varieties are of very brilliant colors.

**P. Hybrida.** Mixed Pkt. 5c.

**P. Hybrida.** Inimitable Howard's Star. Pkt. 10c.

**P. Single large flowered; superb mixed.** Pkt. 25c.

**P. Fimbriata,** superb variety, fringed. Pkt. 25c.

**P. Large Fl.,** fringed single variety, superb mixed. Pkt. 25c.

**P. Fringed large flowered double;** quality unsurpassed. Pkt. 50c.

**P. Giants of California;** a superb strain of single large flowered giants, ruffled and fringed. Pkt. 25c.

**PYRETHRUM**

**Hybridum Double.** Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun. Their main season of blooming is in June, but if the old flower stems are removed they will give a fair sprinkling of flowers in the autumn. The bloom is similar to that of an Aster, and ranges in color from pure white and the various shades of pink and

red to deep purple. Splendid for cutting, lasting a week in good condition. Pkt. 10c.

**Pyrethrum Roseum.** Largely used for cutting like Margarets. 10c.

**Pyrethrum Parthenifolia.** Golden Feather. Largely used for border around beds. Light yellow foliage. Pkt. 5c.

**P. Parthenifolia.** Fern Leaved. 10c.

The Pyrethrum is the plant from which is manufactured the many brands of insect powders—such as Dalmatian, Buhach, Persian Insect Powder, etc.—according to the company making same. The P. Roseum is the principal variety used, and a few plants of this in the garden is recommended.

**Rehmannia Angulata (Perennial Calceolaria).** A hardy perennial, introduced from China a short time ago. Closely related to our Calceolaria and resembling the Incarvillea Rosepurple, throat tipped with nice red spots. It is a very decorative plant in the true sense of the word, and is well adapted for beds or pot culture. Flowers are produced in great abundance during the entire summer, and is valuable as a cut flower. We offer here some nice new tinged and tigred hybrids. Per pkt. 25c.

**Rhodanthé Manglesi.** A fine everlasting flower, used largely in bouquest. Pkt. 10c.

**Ricinus Zanzibariensis.** (Castor Oil Bean). A new variety with immense leaves. 5c.

**Rudbeckia Neumannii.** "Golden Glow." Vivid yellow, semi-dwarf in habit, very free and long bloomer, with very large spikes of flowers. Pkt. 10c.

**Ruellia Tuberosa (New).** A very bushy and rich flowering perennial; should be planted under glass or frames in early Spring. The numerous Bignonia like flowers of clear blue color, which stand well above the foliage, are very striking. Early planted seed commence flowering in July and last till Christmas. Pkt. 10c.

**SALVIA (Scarlet Sage)**

**Salvia Splendens** or scarlet sage, is a standard bedding plant that keeps the garden bright with color all year through. This plant lends itself to many uses; it makes a good pot plant, does well in window boxes, and is useful for cutting to give color. Its best use, however, is as a hedge or border plant, where long, broad bands of intense color are desirable. Best is to plant seed in bed or box and transplant when large enough. Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

**Clara Bedman. (Bonfire.)** The plants form handsome globular bushes about 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**SCABIOSA**

**Scabiosa Brachiata (Perennial)** "Mourning Bride" (new). A most valuable plant for cutting purposes, planted early in Spring will bloom early in May; its charming pale blue flowers last a long time. Pkt. 10c.

**Scabiosa Maxima.** The "Sweet Scabious" or "Mourning Bride" of old gardens, but much improved in size, colors and doubleness. Many of the flowers measure 6 to 9 inches in circumference, are double clear to the center, and have long stems. They are very free bloomers; very effective for garden decoration, and valuable for cutting; annuals. Height,  $1\frac{1}{2}$  to 2 ft. Pkt. 5c on any of the following:

**Royal Purple.**

**Snowball.** Pure white.

**Golden-Yellow.**

**Flery-Scarlet.**

**Azure Fairy.** Light Blue. Pkt. 10c.

**Cerise.** Lovely cerise-red.

**Cherry-Red,** with white.

**Flesh-Pink.** Flesh color, with rosy pink center.

**Maxima Plena.** Mixed Colors. Pkt. 5c.

The collection, 1 pkt. each of the above 8 separate sorts for 35c.

**Hardy Scabiosa**

**Scabiosa Japonica.** New hardy perennial Scabiosa from Japan, forming large bushes  $2\frac{1}{2}$  to 3 feet in height and breadth, with elegant light green foliage. Flowers 2 to  $2\frac{1}{2}$  inches across on long wiry stems from 15 to 20 inches in length, of a beautiful mauve or lavender-blue. The plants, extremely free-flowering, produce their lovely flowers continuously from the end of June until late in the autumn. Pkt. 10c.

**Scabiosa Caucasica Perfecta.** The old "Caucasian Scabiosa" is recognized as one of the handsomest of hardy perennials, forming dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. In this new variety, "Perfecta," we have obtained the highest perfection of this type: the semi-double flowers, 3 to 4 inches across, are poised on stalks  $1\frac{1}{2}$  to 2 feet long, making them of exceptional value when cut for vases, etc. The coloring of the flowers is a beautiful lilac-blue shading to deep blue. Pkt. 10c.

**Scabiosa Caucasica.** A very beautiful perennial; flowers, soft lavender. Pkt. 10c.

**Scabiosa Caucasica.** White. pkt. 15c.

**Schizanthus (Butterfly Flower).** An easily grown plant, bearing quantities of gay, butterfly-like flowers, beautifully marked and spotted; closely resembling some species of Orchids. For winter blooming in pots the Schizanthus is one of the most desirable of all flowers. Pkt 10c.

**Schizanthus Wisetonensis.** An improved strain, excellent for pot culture and partial shade. Pkt. 10c.

**Salpiglossis.** New Emperor. This strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. (250 seeds), 10c.

**(Schizanthus) Butterfly Flower**





Giant Perfection Stocks

## STOCKS

These are among the most popular of all winter blooming flowers. By planting in early summer they will bloom through the winter, or planted in late fall they will bloom through the summer. The Ten Week Stocks require about four months to come into perfection, but the Brompton or winter stocks require about seven or eight months, and are both quite hardy in this climate either for summer or winter. Seed should be planted in bed or box, and transplanted—kept in the best of growth to induce double flowers. Do not pick the most rank growth in plants as frequently these are the singles. Give them an abundance of rich manure and force from the start. Plant seed very shallow.

Stocks are of two general types. The Autumn blooming Brompton or Queen, and the Summer blooming or Early Ten Weeks and sometimes classed as Intermediate Stock. The Brompton class require the better part of the year to come into flower, while the Ten Weeks class blooms from seed (in California) in about four months. The former class should be seeded in early spring for winter blooming. The Ten Weeks class any time of the year.

NEW GIANT STOCK  
"Nice" Strain

**Abundance.** It may be taken for granted that most growers of cut flowers have made themselves acquainted with the splendid class of Nice Giant or Early Large-flowering Stocks. At least the annually increasing demand, especially for those sterling sorts, Beauty of Nice, Queen Alexandra and Almond Blossom, leads one to this conclusion. The high value of the present new variety, which is of dwarf habit, does not consist in the color of its flowers, a fine shade of carmine rose, very near that of Queen Alexandra, but in its quite phenomenal profusion of bloom, as may be seen faithfully represented in the photograph of one plant here illustrated. The peculiarity of the plant is caused by the central stem not pushing upwards, but dividing into 12 to 15 sturdy branches which in their turn each produce 15 to 20 side-shoots, forming spikes of magnificent large blossoms. Pkt. 25c.

**Princess Alice—Ten Weeks.** "Cut and come again." Pure white. This is the florist's favorite and is used very extensively for cutting. Pkt. 10c; ¼ oz. 35c.

**Apple Blossom.** "Nice" Strain. This is one of the hybrid class. Like the other varieties of Nice stocks, succeeds splendidly in our climate and is of the "cut-and-come-again" type—is of a soft apple blossom color and excellent for cutting. Pkt. 10c; ¼ oz. 35c.

**Beauty of Nice.** Salmon rose. A hybrid or cross between the 10 weeks and the Brompton stock, but blooms in about four months from planting.

Extra large flower of exquisite shade. Pkt. 10c; ¼ oz. 40c.

**Queen Alexandra.** Like the above a cross. Blooms in the same way. Flowers enormous size of a tender lilac rose or old rose. Plant very robust and quick growth. Excellent for cutting purposes. Well adapted for all seasons. Pkt. 10c; ¼ oz. 40c.

**Giant Perfection.** Ten weeks. One of the most popular varieties for cutting; grows tall and branching with many stems and is called "Cut and come again" Stock. All colors. Pkt. 10c; ¼ oz. 40c; oz. \$2.50.

White.	Lavender.
Dark Blue.	Rose.
Crimson.	Flesh.
Yellow.	Mixed.

**Large Flowering Ten Weeks' Stock.** Growing about 1½ ft. high of very compact growth. Largest of flowers, with very small percentage of singles. This is an excellent strain for bedding. We have the following colors. Pkt. 10c; ¼ oz. 35c.

Pure White.	Crimson.
Rose.	Purple.
Light Blue.	Yellow.
Lavender.	Mixed.

**Stocks. Brompton or Winter Flowered.** The largest flowering of all the stocks but requires 8 to 10 months to bloom from seed. We have this superb variety in the separate colors as follows each at 10c per pkt., 3 for 25c; ¼ oz. 50c.

Stocks Brompton.	White.
Stocks Brompton.	Bright Rose.
Stocks Brompton.	Scarlet.
Stocks Brompton.	Pink.
Stocks Brompton.	Lavender.
Stocks Brompton.	Fine Mixed.

**Stocks. Wallflower.** Double spotted; mixed. Pkt. 10c; ¼ oz. 60c.  
Wallflower; single mixed. 5c.

## SHASTA DAISY SEED

We have a fine lot of clean, plump seed, saved from the best flowers only.

**Alaska.** Flowers very large, pure white, on long stiff stems. Pkt. 10c.



New Stock Abundance

**SPARAXIS (DIERAMA) PULCHERIMA** (New.) This is a tall growing bulb of easy culture. Grows 3 to 4 ft. high, and considered the best of all the Cape Irids. When exhibited at the Pasadena Flower Show last spring it was the universal admiration of all. The flower is a rich orange red—spikes grow about 3 ft. high, and of somewhat the habit of the Watsonias. A very lovely novelty. Pkt. 25c.

**Salpiglossis.** Giant superb strain, a wonderful improved strain with giant flowers in magnificent mottlings and colorings. One of the queerest of flowers. We are offering this giant strain in the following separate colors. Pkt. 15c.  
Brown and Gold.  
Rose.  
Light Blue.  
Yellow.  
Deep Scarlet.  
Furplish Violet.

**Salpiglossis.** Large flowering sorts in splendid mixture. Pkt. 5c; ¼ oz. 20c.

**Spergula Filifera.** Fine little plant for edging. Pkt. 10c.

**Statice, Perennial variety, mixed.** Pkt. S. Latifolia. Blue. Fine for bouquets. Pkt. 10c.

**Stevia.** Mixed; excellent for bouquets. Pkt. 10c.

**Sweet William.** Auricula. Double flowered. Pkt. 10c.

**STREPTOSOLEN JAMESONI (Madame Modjeska Heliotrope) (Browallia)**

Very largely grown in Southern California as a half climbing shrub and is quite common in Pasadena gardens. Deep orange yellow, and blooms in great profusion. A very desirable plant, to be treated like Plumbago. Not entirely hardy in cold localities. Pkt. 10c.

## STATICE (Sea Lavender)

Most valuable plants either for the border or rockery, with tufts of leathery foliage and immense caldelabralike panicles of minute flowers, producing a remarkable effect; grows from 15 to 18 inches high, and blooms from June until September.

**Eximia.** Bears immense heads of lovely lilac flowers. Pkt. 10c.

**Gmelini.** Large panicles of violet-blue flowers. Pkt. 10c.

**Latifolia (Great Sea Lavender).** Immense heads, 2 to 3 feet across, of deep blue flowers, which last for months if cut and dried. Pkt. 10c.

**Santolina (Lavender Cotton).** Chamæcyparissaus. Largely used in Los Angeles as a border or edging plant, easily sheared to shape as a low small hedge. Six inches high. Pkt. 10c.

**Stokesia Cyanea.** The hardy blue "Cornflower Aster." This beautiful hardy perennial plant is not so well known as it deserves to be. No garden, large or small, should be without it. As a single specimen or group in the herbaceous border it makes for itself a place that cannot be filled by any other hardy plant, while for beds or masses any size it is very attractive. It is of the easiest culture, blooming the first year from seed, and succeeding in any open sunny position. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October to produce their handsome lavender blossoms, 4 to 5 inches across, on long stems, rendering them highly valuable for cutting, supplying a shade of color not over plentiful at any season of the year. Pkt. 10c.

**Stachys Alpina.** A perennial plant resembling Dusty Miller; thick and hairy leaf. Fl. dark rose color; fine budding or edging plant. Pkt. 10c.

**Stachys Lanata.** A fine silver leaved plant, fine for edging or border. Hardy perennial. Pkt. 10c.

**Torenia Fournieri.** Fine mixed. Blue. 10c.

**Vittadina Triloba.** A beautiful small growing trailing plant for borders or rock work. Perennial with rose pink flowers. Nice for mixed bouquets. Always in bloom. Pkt. 10c.



**TAGETES (Marigolds)**

**Eldorado.** A tall, large flowering variety of the African type, deep golden yellow; large flowered. Pkt. 5c.

**Lemon Queen.** A light colored variety of the African, very double and large flowered; an extremely fine variety. Pkt. 5c.

**Trollius.** "King of Buttercups" or Royal Buttercup, or Globe flower. A most beautiful species of hardy perennial. They are rather slow to grow from seed, but are well worth the time and trouble. The plant strongly resembles the perennial Delphinium but seldom grows over 18 in. high. Treat same, but some shade would be better, and even close to water, as they love boggy soil. New Hybrids. Pkt. 15c.

**Wahlenbergia Grandiflora.** Perennial Canterbury Bell. (Platycodon). A fine hardy plant highly recommended of which we have both white and blue each, per pkt. 10c.

**Woodruff**—See *Asperula*.

**VIOLA CORNUTA HYBRIDA**

**Admirabilis.** The Tufted Pansies, or Violas, are rapidly coming to the front, and are likely to become as great favorites here as they now are in Great Britain. A plant between the violet and pansy. Greatly improved of late until it has become one of the great European bedding plants. Blooms all the year round. Very much more hardy than the pansy. We have secured the following from European specialists.

**V. Cornuta Perfection.** Bonnie blue. 10c.

**V. Cornuta Papilio.** Blue and white. 10c.

**V. Cornuta White Perfection.** 10c.

**V. Cornuta.** Finest mixed. 10c.

**VERBENAS**

This is one of our finest hardy bedding plants, easily grown from seed. We now have all colors separate so one can grow from seed, and carry out their color scheme. The seed should be sown in seed beds, and when large enough transplant to permanent place. Cover the seed very lightly, and cover bed for a couple of weeks with cloth or sacking, or cover the bed with a few branches to shade the ground. All varieties. Pkt. 10c, except when noted.

**Verbena, Mammoth, Scarlet Defiance.**

A very deep scarlet.

**Verbena, Mammoth.** Purple.

**Verbena, Mammoth.** Pink, clear.

**Verbena, Mammoth.** Pure white.

**Verbena, Mammoth.** Auriculæflora, with eye.

**Verbena, Mammoth.** Italian striped.

**Verbena, Mammoth.** Blue.

**Verbena, Mammoth.** Mixed.

**Verbena, Mammoth.** Fordhook mixed.

**Verbena, Compacta.** Dwarf, very fine for border.

**Verbena.** Common mixed; all colors. Pkt. 5c.

**Vinca Rosea.** Finest Mixed. 10c.

**Zinnia Elegans**—An old garden favorite. But our strain is greatly improved giant class in the following colors:

White.

Yellow.

Rose.

Scarlet.

Purple.

Mixed.

Each at 5c per pkt., 6 for 25c, oz. 30c.

**CLIMBING PLANTS**

**Adenophora Potanini.** A most charming perennial climber, with drooping light blue flowers. Pkt. 10c.

**Adlumia (Allegheny Vine).** A frail growing biennial. Treated as a perennial. Stands best in shade, and is a beautiful flowering climber. Pkt. 10c.

**Abrus Precatorius.** A charming climber, with blue flowers, followed by bright scarlet seed with black eye; largely used for beads. Pkt. 10c, oz. 40c.

**Balloon Vine (Love-in-a-puff).** A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. Per oz. 25c; pkt. 5c.

**Echinocystis Lobata.** Hardy vigorous climber, bearing the fruits the first year from seed. The pods are very pretty ornaments. Should be planted as early in the Spring as possible. Pkt. 10c.

**JAPANESE GIANT MORNING GLORIES**

These grand climbers have proved quite a revelation to many. The robust vines attain a height of from 30 to 50 feet. The foliage is luxuriant, distinct, and varied—green, silvery, and yellow leaves; many are mottled light and dark grey. But the surpassing charm of these Giant Japanese Morning Glories lies in the entrancing beauty and gigantic size of the flowers; they measure from 4 to 5 inches across. The colors of the flowers, shadings, and markings are limitless. Some flowers are of deep rich velvety colors, others daintily tinted and shaded. There are reds from soft rose to crimson and garnet; daintiest blue to purple; yellows; snow-white to silver-grey. Some are striped, blotched and spotted; others have magnificent edges and throats. Our seed comes direct from Japan.

**Single Japanese Giant.** Finest mixed. Pkt. 10c.

**Ampelopsis Veitchi.** Japanese Ivy. Pkt. 10c.

**Antigonon leptopus.** (Rosa de Montana). Pkt. 10c.

**Aristolochia Elegans.** (Dutchman's Pipe). Pkt. 10c.

**AUSTRALIAN PEA VINE  
PURE WHITE**

We have secured a limited supply of this new hardy vine. It far surpasses the old form of Purple and White, being considerably larger and pure white and bearing clusters of larger flowers. They show much finer. The plant is just as good a climber. Perennial. Pkt. 15c; oz. 50c.

**Australian Pea Vine.** (Dolichos Lig-nosus). A very familiar plant. Pkt. 10c.

**Asparagus Plumosa.** A useful climber for decorating. 10 seeds 10c; 100 seeds 75c.

**Asparagus Comoriensis.** Similar to above but a more rapid grower. Pkt. 10c; 100 seeds 60c.

**Bignonia Radicans.** Trumpet Creeper. Pkt. 10c.

**Canary Bird Flower.** Pkt. 10c.

**Clematis Hybrids.** Mixed. Pkt. 10c.

**Clianthus Puniceus.** Bright scarlet. Pkt. 15c.

**Coclea scandens.** A rapid climber. Pkt. 10c.

**Convolvulus Major.** Morning Glory. Pkt. 10c.

**JAPANESE GIANT-FLOWERING DOLICHOS, OR "HYACINTH BEAN"**

These showy annual climbers grow luxuriantly about 10 feet high, branching out well from the bottom, and are clothed with dense foliage, insect proof, and form excellent screens as well as being exceedingly ornamental. The Sweet-Pea-like blossoms are borne in long, Wistaria-like clusters, often a foot in length. Pkt. 10c.

**Giant Crimson Dolichos.** Flowers at first blush deepening with age to dark red, followed by bronzy-purple seed pods; foliage, dark green with red veins; flower and leaf stems maroon. Pkt. 10c.

**TACSONIA (Scarlet)**

This makes an extremely rapid climbing vine and has very showy scarlet flowers of the Passion flower character. Most profuse bloomer. Perennial. A very attractive vine. Pkt. 10c.

**Polygonum Multiflorum (Perennial).** A rapid very tall climber, covering an enormous space in short time. (New). Pkt. 10c.

**Snail Vine**—See *Phaseolus*.

**Passiflora-Rosea (Tacsonia).** A very showy climber with rose colored flowers, growing to great height, and quite hardy; a constant bloomer and often producing edible fruits. Pkt. 10c.

**Phaseolus Caracalla.** Snail Vine. A perennial of fair growth, with large, very fragrant sweet-scented snail-like flowers, which are borne in great abundance. The seed are very scarce and hard to obtain. Pkt. 10c.

**Wild Cucumbers**—See *Echinocystis*.

**Passiflora.** (Passion Vine). Edulis. Pkt. 10c.

**P. Coccinea** scarlet. Pkt. 10c.

**Tacsonia.** Similar to *Passiflora*. Good climber. Red. Pkt. 10c.

**T. Hybrid.** Wine color. Pkt. 10c.

**Smilax.** A useful plant for decorating. Pkt. 10c.

**GARDEN LEMON**

The **Garden Lemon** or **Cucumber** is a very rapid climber and fruit is very fine as a salad—can be grown over fence or unsightly objects and yields good edible fruit. Pkt. 10c.

**Gourds.** See special list.

**Humulus.** Hop; Japanese. Pkt. 10c.

**Japanese Cucumber.** Fine climber and useful. Pkt. 5c.

**Ipomoea.** Heavenly blue. Pkt. 10c.

**I. Learii.** Blue moon vine. Pkt. 10c.

**Kennedya Rubicunda.** Fine. Pkt. 10c.

**K. White;** fine climber. Pkt. 10c.

**K. Rose;** ne climber. Pkt. 10c.

**K. Mixed.** Pkt. 10c.

**K. Purple.** Pkt. 10c.

**Lathyrus Latifolius.** Rose and white.

**Everlasting Pea.** Pkt. 10c.

**Lonicera Tartarica.** (Honeysuckle).

**Rose.** Pkt. 10c.

**Mandevilla.** (Chilli Jasmine). Fine climber. Pkt. 10c.

**Maurandia.** White, purple and mixed. Pkt. 10c.

**Mina Lobata.** A handsome climber. Pkt. 10c.

**CALIFORNIA AND MEXICAN NATIVE FLOWER SEED**

There is an increasing demand for more of our beautiful native flowers and shrubs, as well as our native trees. To meet this demand we are prepared to furnish these seed in quantities. We also make up collections of the following varieties—and make a special low price on these packages. All properly labeled. But we reserve the right, at this price, to make our selection. 12 pkgs, all properly labeled, 50c, postpaid. And of the following at 5c per pkt. except where otherwise noted:

**Aquilegia-Californica.** Calif. Columbine. Pkt. 10c.

**Delphinium.** Cardinalis. Scarlet Larkspur.

**D. Parryi.** Blue larkspur.

**Dodecatheon Cleveland.** Shooting Star.

**Emmenanthe Penduliflora.** Whispering Bells.

**Lathyrus Splendens.** Pride of California.

**Layia Glandulosa.** White Daisy.

**Nemophila Insignis.** Baby-blue-eyes.

**Pentstemon Bridgesii.**

**Phacelia Parryi.**

**Gilia.** In mixed colors.

**Abronia.** Wild Verbena.

**Platystemon-Californica.** Cream cups.

**Eschscholtzia.** California Poppy.

**Common California Poppy.** Pkt. 5c.

**E. Golden West,** dark yellow. Pkt. 10c.

**E. White.** Pkt. 5c.

**E. Mixed,** all colors. Pkt. 5c.

**Romneya Coulterii.** Matilija Poppy. Pkt. 5c.

**Hunnemanio.** Mexican Poppy. Pkt. 5c.

**Viola Pedunculata.** California Violet. Pkt. 10c.

**Leptosyne Maritima.** Yellow Daisy.

**Perennial.** Very hardy and highly recommended.

**Lupins.** Fine dwarf mixture.

**Mimulus.** Wild Murk.

**Dendromicon.** Bush Poppy. Yellow.

Pkt. 10c.



# Field of Sweet Peas



## SWEET PEAS

We will class this beautiful flower in four sections, such as Orchid Flowered, or the New Section, the Standard Large Flowering, the Christmas, or forcing, and the Cupids, or very dwarf class.

The Orchid Flowered are of new origin and are the perfection in Sweet Peas. We have nearly all colors and shades in this section.

The Standard Large Flowered section is very popular for its great lasting qualities when cut, and in this respect we believe it is better than the Orchid Flowered. This one is very popular with the cut flower dealers.

The Christmas or forcing varieties are a particular class to themselves, and are grown for winter flowering, when the other varieties will not bloom.

**SWEET PEAS—Christmas Flowering, Winter or Tournament Flowering Varieties.**

Our Sweet Peas are the finest on the Coast. All the novelties and also standard varieties.

The following if planted in late summer bloom for Christmas. All postpaid.

**Snowbird.** A fine pure white. Oz. 10c; ¼ lb. 25c; lb. 75c.

**Morris and Snow's Angelino.** A very hardy pure pink shade. Oz. 10c; ¼ lb. 30c; lb. \$1.25.

**White Mont Blanc.** Select, pure white. Oz. 10c; ¼ lb. 25c; lb. 75c.

**Flamingo.** Clear scarlet. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Meteor.** Deep red. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Mrs. Alex Wallace.** Lavender. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Mrs. Chas. H. Totty.** Clear. Lavender. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Mrs. F. J. Dolanski.** Daybreak pink. Oz. 10c; ¼ lb. 40c.

**Pink and White.** Earliest of All. Oz. 10c; ¼ lb. 30c; lb. \$1.00.

## CUPIDS

The Cupid is a very dwarf section, never growing but a few inches high, but blooming in great masses. A border of this class is a thing of beauty, their growth spreading on the ground, similar to a dwarf Verbena. The clump often grows 18 inches in diameter, and seldom over 6 inches high when in full bloom.

**Alice Eckford.** Pink-buff.

**Apple Blossom.** Rose pink.

**Captain of the Blues.** Blue.

**Countess of Radnor.** Lavender.

**Firefly.** Scarlet.

**Lovely.** Delicate pink.

**Blanch Ferry.** Pink and white.

**Primrose.** Primrose.

## DESCRIPTIVE LIST OF STANDARD AND ORCHID FLOWERED VARIETIES

N. B.—O. F. signifies Orchid Flowered. Price on all the following except where otherwise priced. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c. Postpaid.

## White and Very Light Shades

**Bodger's White Spencer.** Originated among other Spencers and we believe it to be the purest strain of white in the orchid-flowered class. Oz. 10c; lb. 60c.

**Nora Unwin (O. F.)** Pure white wavy form, very large, better described as White Gladys Unwin. lb. \$1.00; pkt. 10c.

**Dorothy Eckford.** One of the best of the white sorts.

**Shasta.** New giant flowered white.

**Mont Blanc.** One of the earliest whites, dwarf habit. Oz. 10c; lb. \$1.00.

**Paradise Ivory (O. F.)** Large ivory white (new). Pkt. 10c; oz. 15c; lb. \$1.50.

## Pale Yellow or Primrose

**The Hon Mrs. E. Kenyon.** This is the best yellow to date.

## Very Light Pink and Primrose

**Golden Rose.** New clear primrose yellow flushed with rosy pink.

**Sybil Eckford.** New, apricot and lemon.

## Shades of Pink

**Apple Blossom Spencer (O. F.)** A new very large apple blossom shade of pink, highly recommended. Pkt. 10c; oz. 25c.

**Mrs. Routzan (Spencer O. F.)** A clear apricot suffused with pink. Pkt. 10c; oz. 20c; lb. \$1.50.

**Lovely Spencer (O. F.)** Some shade as in old Lovely, but a great improvement. Pkt. 10c; oz. 20c; lb. \$2.00.

**Florence Morse Spencer.** Delicate blush with pink margin, very large, open, wavy. Spencer form. Well described as pink edged Countess Spencer. Pkt. 10c; oz. 15c; lb. \$1.00.

**Katherine Tracy.** Brilliant pink, somewhat darker than the above, fully as popular.

## Light Pink Shaded and Deeper Pink

**Countess Spencer (O. F.)** Color runs from light to deep pink, not being regular. Pkt. 5c; oz. 10c; lb. 60c.

**Countess Spencer (True).** A clear pink, very large and wavy; one of the finest. Pkt. 10c; oz. 15c; lb. \$1.00.

**Enchantress (O. F.)** Rose pink on rich cream ground.

**Gladys Unwin (O. F.)** Pale rosy pink. This is the most popular of all the pinks yet introduced. Very large flowered and long stems. Pkt. 5c; oz. 10c; lb. 75c.

**Mrs. Alfred Watkins (O. F.)** Large pale pink, similar in color to Countess Spencer true. Pkt. 10c; oz. 15c; lb. \$1.00.

**Lovely.** Vigorous grower. The standard and wings deep pink, shading to very light pink at the edges; a florists' favorite.

## Rose Shades and Pink (Bi-color)

**Earliest of All, (Special Select).** This is largely planted during July, August and September for early flowering. Pink and white. Oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.

**Extra Early Blanche Ferry.** Exactly like the above, but a little taller in growth.

## Orange Pink or Salmon Shades

**Miss Willmott.** Richest pink shaded rose, stems long, and the plant very large and vigorous.

**Lady Mary Currie.** Bright orange pink, delicately shaded rose lilac; color extremely bright.

**Helen Lewis.** Standard crimson orange, wings orange rose; very large size.

**Henry Eckford (O. F.)** This is of extraordinary orange color.

**Evelyn Byatt.** Fine orange salmon.

## Shades of Red

**King Edward Spencer (O. F.)** Same shade as old standard variety but in our trial grounds has proven to be one of the largest, if not the largest red grown. Pkt. 10c; oz. 25c.

**King Edward.** Bright red or crimson scarlet, the finest red. Very large size with open form.

**Queen Alexandra (O. F.)** Scarlet, giant size.

## Rose Crimson

**Mrs. Jos. Chamberlain.** Striped and veined crimson over light pink or white.

**Marie Corelli (Prince of Wales Spencer) (O. F.)** Rose carmine tinted cherry red, beautiful. Pkt. 10c; oz. 25c; lb. \$2.50.

**John Ingman.** Rose carmine, very large, wavy edges, open form.

**E. J. Castle (O. F.)** Bright rose crimson with veins of deeper rose, large size, open wavy edge of the Gladys Unwin type. Pkt. 5c; oz. 10c; lb. 75c.

**Phyllis Unwin (O. F.)** Light magenta rose and carmine, large open form. Pkt. 10c; oz. 15c; lb. \$1.00.

## Lavender and Mauve Shades

**Frank Dolby (O. F.)** Purplish mauve and lavender, open and wavy form of Gladys Unwin type, well described as pinkish lavender Gladys Unwin. Very apt to sport. 1 kt. 5c; oz. 10c; lb. 75c.

**Lady Grisel Hamilton (SPECIAL).** We have a particularly fine strain of this for florist forcing. \$1.00 lb.

## Lavender and Mauve; Picotee Edged

**Mrs. Chas. Foster (Spencer) (O. F.)** Fine large, clear lavender, wavy petals. Very choice variety, but not entirely true. Pkt. 10c; oz. 20c; lb. \$1.50.

**Asta Ohn (Spencer O. F.)** Lavender tinted with mauve; a giant flowered variety. Pkt. 10c; oz. 25c; lb. \$2.00.

**Phenomenal.** New, white tinged with lavender; fine. Pkt. 5c; oz. 10c; lb. 25c.

**Lottie Eckford.** White edged with lavender.

## Blue and Purple Shades

**Helen Pierce (O. F.)** The Gloxinia flowered. This is one of the finest of all the late introductions.

**Flora Norton (O. F.)** Bright clear blue, with just a tint of purple.

## Very Dark Shades

**Black Knight Spencer (O. F.)** A very large deep dark maroon. Pkt. 10c; oz. 25c.

**Black Knight.** Clear deep maroon—one of the darkest.

**Navy Blue.** Violet and indigo.

## SWEET PEAS—MIXTURES

**Morris & Snow Fancy Mixed.** This is a superb well balanced mixture of California Giant flowered varieties. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c, postpaid.

**Sweet Peas Orchid Flowered.** Mixed. Including all the new varieties; a superb and unexcelled mixture. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.

**Sweet Peas Xmas Mixed.** Including all our Winter flowering kinds. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00, postpaid.

**Sweet Peas Grand International Mixture.** Orchid Flowered and California Giants Mixed. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



# TREE AND SHRUB SEEDS



Trees Covering Once Barren Hills

We shall make a specialty of this branch of our business and request correspondence from everyone interested.

## AUSTRALIAN SEEDS

Including also New Zealand, Japan and South African varieties. All tree and shrub seeds included in this list at less than 50 cents per ounce, we can supply at 10c per packet; those quoted at 50 cents and upward, per ounce, we can supply at 15 cents per packet.

We make a separate category of these, as from their value they are worthy of it. The visitor to Australia at any season, will at once notice that all the indigenous vegetation is evergreen. The writer does not know one deciduous tree or shrub a native of that country.

The most valuable are, of course, the Eucalypti. These possess great antiseptic properties, and are, no doubt, also of great value in absorbing moisture from the bottom soils, thus preventing malaria. Their value as rapid growing timber is also great; some varieties making excellent fuel while others are nearly unflammable, but are useful in carpentry, and for making railroad ties, platforms, piles, jetties, etc. Others are very ornamental, bearing showy flowers.

**Acacia Armata.** "Prickley Acacia." Much used for hedges; good for the sea coast. Height 15 feet; ounce 40c; lb. \$4.

**A. Baileyana.** The well known Cootanundra Silver Wattle. A handsome tree with glaucous green foliage; one of the most beautiful of the Acacia and highly recommended for street planting. Height 25 feet. Oz. 35c; lb. \$3.00.

**A. Cultriformis.** "Knife-leaved" Acacia. A distinct and beautiful specie of shrub with glaucous green leaves about  $\frac{3}{4} \times \frac{1}{2}$  inch in size. When in bloom the plant presents a splendid appearance on the lawn. Height 15 feet; oz. 50c; lb. \$5.

**A. Dealbata.** "Silver Wattle." Very ornamental. Height 30 feet; oz. 40c; lb. \$4.

**A. Elata.** A most rapid growing tree with yellow flowers, tree attaining a height of 60 feet; very ornamental and fine form, wood useful for furniture and cabinet work. Oz. 30c; lb. \$3.50.

**A. Decurrens.** Green or Black Wattle. A medium size tree of rapid growth. Very useful for windbreak. Also very rich in tannin; wood is valuable for fuel and for turners' and coopers' work. Height 40 feet; oz. 35c; lb. \$3.50.

**A. Floribunda.** Ornamental with very abundant handsome flowers; valuable for lawns, parks cemeteries, etc. Height 25 feet; oz. 35c; lb. \$3.00.

**A. Latifolia.** A handsome shade tree, succeeding especially well near the sea coast. Leaves broad, yellow flowers. Native of South Africa. Height 0 feet; oz. 35c; lb. \$3.00.

**A. Linifolia.** Flax leaved. An ornamental shrub with yellow flowers,

growing in heads two to four together. Height 8 feet; pkt. 15c.

**A. Lophanta.** Abizzia Lophanta. Cape or Crested Wattle. One of the most rapid growing trees for first temporary shelter, succeeding in the most desolate places. Height 45 feet; oz. 15c; lb. \$1.25.

**A. Melanoxylon.** "Blackwood." In sheltered irrigated glens, this tree will reach a height of 80 to 100 feet, with the trunks several feet in diameter. The timber is very valuable for cabinet maker's work. Oz. 30c; lb. \$3.

**A. Mollissima.** An abundant blooming tree; very ornamental, suitable for lawns or shrubbery. Height 25 feet; oz. 40c; lb. \$4.

**A. Podalyriifolia (New).** One of the fine new varieties for first time offered in seed here. Specimen plants in Pasadena has caused a big demand for the seed. Tree of striking blue color, medium size. Pkt. 20c.

**A. Pycnantha.** "Golden Wattle." Of rapid growth doing especially well near the sea coast, and containing quantity of tannin. Height 40 feet; oz. 30c; lb. \$3.

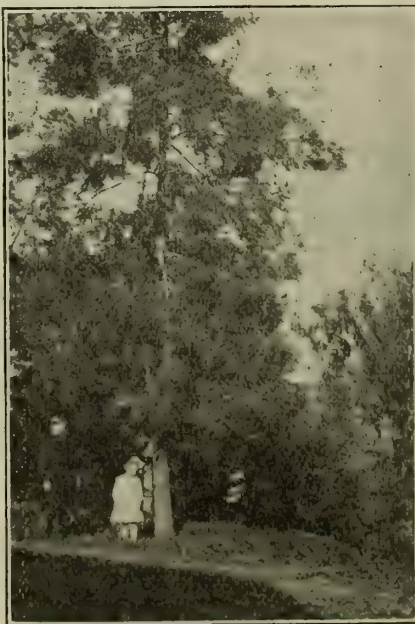
**A. Saligna.** A small tree of weeping habit, very ornamental. Height 25 feet to 30 feet; oz. 40c; lb. \$4.

**N. B.** The following are three new varieties, quite rare.

**Acacia Myrtifolia.** A beautiful small growing tree with myrtle leaves. Pkt. 25c.

**A. Pinifolia.** A small growing tree of spreading habit. Fine pin-like leaves. Pkt. 25c.

**A. Verticillata.** One of the finest varieties of the whole list. Very small foliage. Rare. Pkt. 25c.



Casuarina

**Brachychiton Acerifolium.** "Flame Tree" of fine sturdy pyramidal growth with large handsome foliage, producing masses of scarlet flowers. Height 45 feet; oz. 30c; lb. \$3.00.

**Callistemons.** Bottle Bush. Are mostly small, bushy-like woody shrubs, with beautiful "Bottle Brush" like flowers closely related to Melaleuca and both are highly recommended for Calif. gardens. We have made up a fine mixture of 8 varieties all useful flowering varieties. Pkt. 10c.

**Casuarina Equisetifolia.** "Beefwood." Wood very durable for underground piles and jetties. Height 150 feet; oz. \$1.

**C. Quadrivalvis.** "Coast She Oak." Very valuable for sea coast culture to prevent inroads of sea upon sand hills; of quick growth. Wood valuable for shingles, etc. Height 60 feet. Oz. \$1.

**C. Suberosa.** "Erect She Oak." A beautiful shade tree; valuable for fuel. Height 60 feet. Oz. \$1.50.

**C. Tortulosa.** "Forest Oak." Wood very valuable for timber; also for fuel, burning to a clear white ash, leaving no cinders. Height 75 feet. Oz. \$1.

**Clinanthus Puniceus.** "Glory Pear of Australia." A sort of trailing shrub. Pkt. 20c.

**Coprosma Baueriana.** Very thick glossy foliage; good for hedges. Pkt. 25c.

**Cerantopetalum Gummiferum.** Christmas Tree. Highly ornamental. Timber close grained and soft, seldom used except for decorative purposes. Pkt. 25c.

**Camphora Officinalis.** Camphor tree. A tree from which the camphor is distilled; well known in California. Oz. 25c; lb. \$2.50.

**Grevillea Robusta.** "Silky Oak or Australian Fern Tree." A well known shade tree with fern like foliage and orange flowers; of rapid growth. Oz. 50c; lb. \$6.

**Pittosporum Eugenioides.** A valuable evergreen for lawns, parks or cemeteries. Of graceful form, light bright green foliage. It is suitable for tall garden hedges. Oz. 50c.

**P. Nigricans.** Dark brown. Height 20 feet. Oz. 50c.

**Sterculia Diversifolia.** (Brachychiton Populaneum). A handsome tree of erect symmetrical growth with a heavy trunk. The leaves very curious in shape, some being poplar like, other ivy shape, and others slightly or deeply cut. This is without doubt the finest tree for street planting for Southern California. Oz. 50c; lb. \$5.

**Telopea Speciosissima.** "Waratah, or Australian Tulip." One of the most gorgeous shrubs yet introduced. Flowers crimson scarlet, in large heads, which are discernible at great distance. Height 8 feet. Pkt. 15c; 2 pkts for 25c.

**Swansonia.** Mixed. A small shrubby decumbent plant. Pkt. 15c.

**Hakea Saligna.** A splendid shrub-like tree, growing 12 to 20 feet high. Strongly resembling a Juniper from a distance, except in color of foliage which is much lighter. Should be allowed its natural growth. 25 seed 25c.

## ANGOPHORA

These trees while not Eucalyptus in the Botanical sense are so closely related that they are often mistaken for them. The seed vessels are much the same and the growth of the trees are almost identical, and several varieties are of equal value for wood and timber.

**Angophora Subvelutina (Queensland).** (Australia). This is one of the best of the species, attaining large size and grows with the rapidity of the Eucalyptus. The growth is more close and foliage more dense; good for street or meadow for shade; height about 150 feet. Oz. \$1.00.

**Angophora Lanceolata (Queensland).** Wood is light and tough, very hard when dry; very useful wood; 100 ft. Oz. \$1.00.



# EUCALYPTUS SEEDS

## IMPORTANT

We use every care in collecting these seed and give special attention to export orders, but sell them with the distinct understanding that we supply them under the botanical names by which they are known, and that we are not at any time to be held liable for results.

The value of the timber of this tree has been generally recognized all over the world, and already a large export trade from Western Australia and the other states has been established. As hardwood timbers some of the eucalypti have no equal, and possess high quality for resisting the attack of the dreaded Terebo for submarine work. Some of them are so hard that they may be said to be almost indestructible. For street paving they are the best in the world, and when their value is fully recognized, the export of these timbers will become a large one. Special quotations to large buyers.

Any of the following species 10c per pkt; 6 pkts. 50c.

**Eucalyptus Amygdalina.** (Messmate or Almond Leaved Stringy Bark). A first-class timber for flooring boards, joists and other house carpentry like Stringy Bark, but a little larger. Not good for fuel. 100 to 200 feet. Oz. 75c; lb. \$7.

**E. Amygdalina, Var. Augustifolia.** A very ornamental species for landscape uses. Rather dwarf in habit, reaching probably 35 to 50 feet, of a weeping habit, with long quite narrow leaves. Oz. \$2.00.

**E. Bicolor.** (Black Box). Equal to the best Iron Bark and more easily worked; sometimes called "Iron Bark Box"; 100 to 150 feet. Oz. 80c.

**E. Botryoides.** (Bastard Mahogany). Medium size tree; bark smooth, best along the coast; fine for underground work, lasting well in the ground. This promises to be one of our very best species, very rapid in growth; specimens growing about Los Angeles show rapidity almost equal to that of the *E. Globulus*; is quite hardy and recommended for coast regions as well as for interior valleys. The wood as valuable for cabinet work, having a beautiful mahogany grain. Oz. 80c.

**E. Citriodora.** (Lemon-scented Gum). A useful timber; delightfully scented leaves. Oz. \$1.50.

**E. Corymbosa.** (Bloodwood.) Very large; timber first-class for posts, piles and the like; extremely durable in the ground; not favorable as sawn timber on account of its gum veins. 150 to 200 feet. Oz. \$1.

**E. Calophylla.** Ornamental; of rapid growth; white flowers; timber valuable for carpentry above ground. Height 50 feet. Oz. \$1.

**E. Cornuta.** "Yate Tree." A rapid growing variety, very hardy; wood very durable and very elastic, considered equal to ash. Height 100 feet. Oz. \$1.

**E. Corynocalyx.** "Sugar Gum." This variety will stand more drought than any other we know of. Very ornamental; rapid growing highly valued in this vicinity. Timber very durable and used for railroad ties. One of the best. Height 120 feet. Oz. \$1; lb. \$9.

**E. Crebra.** "Narrow Leaved Iron Bark." Wood reddish, heavy, elastic and durable. Is ant and teredo proof. Used for railroad ties, bridges and piles. Height 100 feet. Oz. \$1.

**E. Diversicolor.** "Karri Gum." From the Southwest Australia. A tree of remarkable beauty, perfect shape, rapid growth, and one of the very best for street planting; furnishes good timber for building, masts, shafts, spokes, fence rails, etc. Height 300 feet. This tree for coast regions has few equals. Many millions of feet are exported from Australia every year, and hundreds of miles of street are paved with it in En-

gland; lasts well underground; one of the best seven varieties for our section. Oz. \$1.50; lb. \$12.00.

**E. Falcifolia.** "Scarlet Flowered Gum." The most ornamental of the family. Flowers bright crimson, produced well above the foliage; one of the most effective trees in cultivation. Height 20 feet. 25 seeds, 25c; per 100 seeds, 80c.

**E. Globulus.** "Tasmanian Blue Gum." Well known; one of the most useful of all and a very rapid grower; planted largely in warm countries on account of its malaria-destroying qualities. Remarkably good for fuel. Height 150 feet. California saved seed. Oz. 50c; lb. \$5.

**E. Gigantea.** One of the Giant growers; fine grain, fine timber. Oz. \$1.

**E. Gonolocalyx.** "New South Wales Blue Gum." Wood very durable, hardy and tough; much used in its native country by wheelwrights. A rapid grower. Height 200 feet. Oz. \$1.

**E. Gunni.** "Tasmanian Cider Gum." One of the hardest gums; sometimes found along snow line; attains the height of about 150 feet. Its flowers are white. Oz. \$1; lb. \$10.

**E. Hemiphloia.** "Common Box." Hard but useful timber; strong, tough and durable, but not good in the ground; first-class fuel for domestic use and steam purposes. Height 100 to 150 feet. Oz. 75c.

**E. Leucosylon.** "Iron Bark of Victoria." Timber possessed of great strength and great durability; exceedingly hard; largely used for underground work. Oz. \$1.

**E. Longifolia.** "Woodybutt." Fair timber for fencing and building purposes; good fuel. Very durable, erect and tall. Is said to be less liable to the attack of the white ant than any other gum. Height 100 to 200 feet. Oz. 50c.

**E. Maculata.** "Spotted Gum." A handsome tree, straight growth to 100 ft., 6 ft. diameter. Used for building, R. R. sleepers, wheelwrights work, etc. Oz. \$1; lb. \$8.

**E. Melioidora.** "Black Ironbark." Of spreading growth, with a comparatively stout stem, and makes excellent fuel. The young trees are largely used for telegraph poles, and the flowers are much sought by bees. One of the strongest and most durable timbers in the world. Height 120 feet. Oz. \$1.25.

**E. Obliqua.** "Stringy Bark." A quick grower and produces the best wood for flooring, scantling and shingles. Inferior as fuel, but makes the best charcoal for the forge. Height 300 feet. Oz. 75c.

**E. Paniculata.** "White Ironbark." Wood hard and durable, excellent for railroad ties. Also much used for building purposes, easily worked, and grows well and is lasting underground. Height 150 feet. Oz. 75c.

**E. Pilularis.** "Black Butt." Of rapid growth. One of the best timber yielding species, much used for flooring boards, railroad ties and telegraph poles. Height 300 feet. Oz. \$1.

**E. Piperita.** "Peppermint Gum." Timber valuable for shingles, fence rails, etc. Yields a greater quantity of oil than any other variety, and is of remarkably quick growth. Height 300 feet. Oz. \$1.

**E. Punetata.** "Leather Jacket." Tree medium size—back rough and flakes off. The wood is tough, hard and close grained. It is very durable as posts and ties—also good fuel. Thrives fine in interior valleys. Especially Riverside County. Oz. 75c.

**E. Polyanthema.** "Australian Beech." The timber is much used for mining purposes, and for all underground work, being remarkably hard and durable. Also an excellent fuel, flowers good for bees. Height 150 feet. Oz. 75c; lb. \$8.00.

**E. Rudis** var. "Fresno" (or Desert Gum). One of the varieties that has

succeeded remarkably well in the desert region, standing heat and cold very well \$1 per oz.

**E. Rudis.** Var "Los Angeles." This is a variety with lanceolate leaves, much more narrow than the above, and we believe a more hardy variety, as it has no tendency to develop the disease known as "Frizzles" as the Fresno variety does. Very similar to the black seeded *E. Rostrata*. A rapid grower. Oz. \$1.00.

**E. Regnans.** "Forest Mahogany." A superior timber of large size, prized for its strength and durability. Fine for interior house work. Height 200 feet. This has proven to be one of our most valuable species, thriving well wherever grown; shows very fair growth, and proved quite hardy, standing even more cold than *E. Rostrata* alongside of it; trees are remarkably straight, seldom branching while young, but shoot straight up; timber is among the most valuable of all the species, equaling or even surpassing Mexican mahogany, as it is much harder and less subject to marring. Oz. \$1.00.

**E. Robusta.** "Swamp Mahogany." Thrives best on low ground, especially near the sea coast. A remarkably healthy, robust variety. Height 150 feet. Oz. 60c; lb. \$6.00.

**E. Rostrata.** "Red Gum." Well known and highly esteemed in this section. The timber is unsurpassed for durability, and is used for railroad ties, street pavements, ship building, etc. Height 200 feet. Oz. 40c; lb. \$4.00.

**E. Saligna.** "Weeping Gum." Very ornamental. Leaves and general habit are like the "Babylonian Willow." Good for fuel. Height 75 feet. Oz. \$1.

**E. Siderophloia.** "Dark or Broad-leaved Ironbark." Wood very hard, light colored and heavy, of great strength and durability, and is used for railroad ties, spokes, shingles, bridges, jetties, etc. It is stronger than hickory. As fuel it gives more heat than any other kind. Height 200 feet. Oz. \$1.00.

**E. Siderosylon.** "Red Iron Bark." Medium sized tree usually erect. Bark hard and black, wood hard and heavy and very dense, sinks in water. Tree endures great heat and drought. Oz. \$1.00.

**E. Siebertiana.** "Gum Top." Wood of excellent quality, strong and elastic, and may be used for all purposes where hickory or ash are at present used. It splits easily and is soft to work. Also a most excellent fuel. Height 150 feet. Oz. \$1.

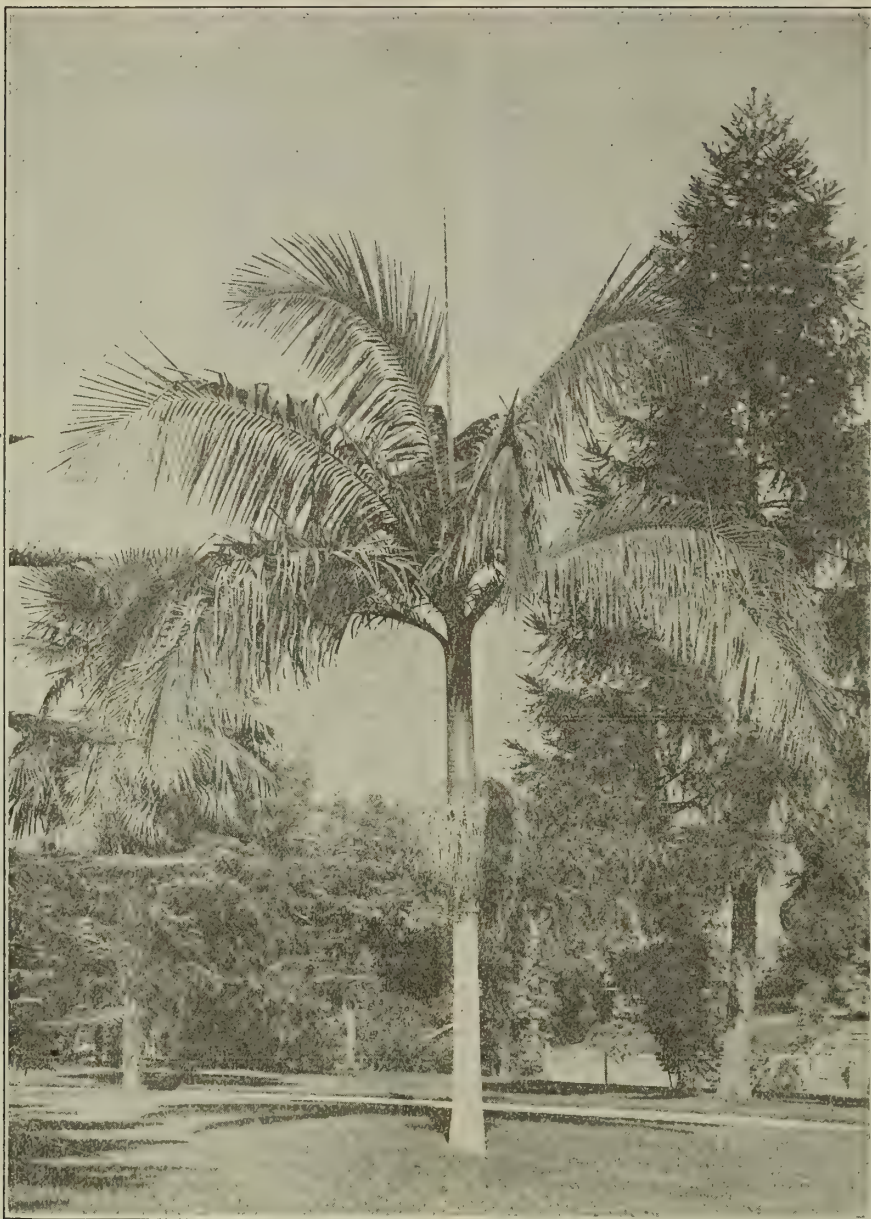
**E. Stuartiana.** "Apple-scented Gum." A medium-sized tree, with drooping branches. Will thrive on any soil. Wood very dark and handsome, and takes a good polish. Useful for cabinet work. Height 100 feet. Oz. 65c.

**E. Tereticornis.** "Gray Gum." A very handsome, large-growing variety. Wood durable and useful for shingles, flooring, etc. Also an excellent fuel. Height 200 feet. This species with *Rostrata* has been largely planted in California during the last two or three years, several thousands of acres being planted for timber purposes, the timber proving quite equal to mahogany, for cabinet work, very hardy in interior valleys. We have 3 distinct types of this species, all about equal, only differing slightly in seed vessels and leaf. Wood apparently just the same. Oz. 60c; lb. \$7.50. Imported seed 60c oz.; lb. \$6.00.

**E. Viminalis.** "Manna Gum." A hardy rapid-growing variety, and well suited for exposed situations. On rich soils it grows to a gigantic size. The wood may be used for ordinary building purposes; also for fuel. The young bark and leaves yield the Australian Manna. Height 300 feet. Oz. 50c.



# MISCELLANEOUS TREE AND SHRUB SEEDS



*Seaforthia Elegans* and *Arancaria Bidwellii*

## ACACIA CUERNE DE VACA (Cow's Horn)

A curiosity from Mexico. A plant sent us by Mr. John Spence and presented to Mr. Huntington is probably the first plant to be grown in California. The tree is virtually a mass of great horns, forming in pairs, which never shed off, some measuring 7 to 8 inches across the pair. The most curious novelty we have seen in thorny plants. The general appearance of the plant and flower is strikingly like *Acacia Farnesiana*, says Mr. Spence and is found growing in its wild state among them. We are not able to give photo of trees but herewith picture some of the curious horns. Pkt. 25c.

## RUBBER TREES—(Ficus)

**Culture.** These trees can be readily raised from seed by planting in shady beds and kept constantly damp.

**Ficus Australis.** "Australian Banyan Tree." A fine evergreen tree; very useful for shade, and shelter purposes. This and the following variety are hardy in the neighborhood of Los Angeles, but in districts experiencing sharp frosts, they should be sheltered until they are four years old and well established. Per oz. \$1.

**F. Macrophylla.** "Moreton Bay Fig," magnificent ornamental shade tree, with large bright glossy green leaves. Per oz. \$1.

## CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEED

All seeds quoted at less than 50c per oz. we will supply at 10c per pkt.; those quoted at 50c and upwards at 15c per pkt.

**Buxus sempervirens.** "Evergreen Box." A hardy, compact growing evergreen of dwarf habit. Height 8 feet. Per oz. 20c; lb. \$2.

**Bauhinia Aculeata.** A fine flowering tree from Mexico. Of branching habit; hardy in most places. Very showy in bloom. Pkt. 25c.

**Camphora officinalis.** "Camphor Tree." From this tree the gum camphor of commerce is extracted. Oz. 25c; lb. \$2.50.

**Cassia Artemesia.** A glaucous blue shrub, of same character as *Grevillea Thelemania*. Fine for hedging or bordering groups. Pkt. 25c.

**Capparis spinosa.** (Caper Tree). Grows splendidly in S. California, and should be more common. Pkt. 10c.

**Cedrus deodara.** "Himalayan Cedar." A noble and beautiful evergreen of pyramidal form, foliage bluish green, graceful and drooping. One of the finest trees on the Pacific coast. Oz. 50c; lb. \$5.

**C. libani.** "Cedar of Lebanon." A most beautiful evergreen for lawn decoration. Oz. 50c; lb. \$5.

**Ceratonia siliqua.** "St. John's Bread." The Carob or Locust Tree of Scripture, with yellow flowers and edible saccharine pods, which are very fattening. Height 30 feet. Oz. 15c; lb. \$1.50.

**Cryptomeria elegans.** "Fine-leaved Japan Cedar." Foliage glaucous green, resembling a feathery *Araucaria*, which in winter turns to reddish brown. Height 50 feet. Oz. 50c.

**C. japonica.** "Japan Cedar." A splendid conifer, for isolated situations on lawns. Height 75 feet. Oz. 30c; lb. \$3.

**Cupressus Goveniana.** "Goven's Dwarf Cypress." A native variety from the Coast range around Santa Cruz. Very ornamental. Height 30 feet. Oz. 50c.

**C. guadalupensis.** "Blue Cypress." A rapid growing upright variety, with bluish foliage. Very ornamental for lawns and cemeteries. Oz. 50c.

**C. Lawsoniana.** "Lawson's Cypress." A native variety found in northern California and Oregon. Wood white, fragrant and close grained. Generally known as Oregon, or White Cedar. Height 100 feet. Oz. 10c.

**C. Macrocarpa.** "Monterey cypress." Too well known to need description. Useful for hedges and windbreaks. Height 80 feet. Oz. 10c.

**C. Arizonica.** Blue Cypress of Arizona, very similar to *Guadalupensis*, of a fine blue cast to the foliage. It is hardy as any variety grown and highly recommended. Has an upright dense growth. Oz. 40c; pkt. 10c.

**C. sempervirens.** "Italian Cypress." A European variety, very long lived and the wood of which is almost imperishable. Height 70 feet. Oz. 20c.

**Cork Oak.** An evergreen Oak resembling Live Oak of our mountains, grows very large and rapidly. Acorns should be planted early in Winter or Spring. Lb. 45c; ½ lb. 30c, postpaid.

**Lyonothamus (Floribundus).** Ironwood. A native of California with a striking resemblance to Redwood, belonging to the rose family, an erect, evergreen tree, becoming 75 feet high, the leaves are fern-like, bark of a reddish brown. A fine specimen can be seen on the Carmelita Place, Pasadena, planted years ago by the late Mrs. Carr of that city. Has proven quite hardy and a fine tree. Seed very scarce. Pkt. 15c.

**Eugenia Myrtifolia (Australis).** Australian Bush Cherry or Aust-Myrtle, largely grown in California as a fair sized tree with beautiful shining green foliage, very useful as a hedge plant, as a shrub or by giving it room as a large specimen tree. Of very graceful appearance, is quite hardy and should be used more extensively. Pkt. 10c.

**Jacaranda mimosaeifolia.** "Brazilian Jacaranda." A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. In pods containing from 30 to 40 seeds. Per pod 5c.

**Juniperus virginiana.** "Red Cedar." A well-known American tree. Height 50 feet. Oz. 15c; lb. \$1.50.

**Leucadendron (Silver Tree).** A large growing tree with very thick silvery bark and sometimes called Punk tree on this account. This spongy cork-like bark peels off in layers. The tree resembles some of the *Acacias*, and one fine specimen growing at Coronado has attracted much attention. Very hardy and should be grown more. Pkt. 10c.

**Libocedrus decurrens.** "California Red Cedar." A very handsome tree, native of the Coast range from San Diego to Oregon. Some fine specimens may be seen in Santa Barbara. Height 100 feet. Oz. 40c; lb. \$4.00.

**Ligustrum japonicum.** "Japan Privet." One of the best hedge plants. Oz. 15c; lb. \$1.50.



**Coronilla Glauca.** An elegant small shrub of the pea family; of silver colored foliage. Pkt. 25c.

**Cotoneaster Augustifolia** (C. Buxifolia and C. Vulgaris). All quite similar; of low growing character. Are sort of a trailing evergreen bush, of Box Wood character. Fine for edging or rockery. Pkt. each 25c.

**Magnolia grandiflora.** "Large flowering Magnolia." A native of the Southern states, where its presence indicates good soil. Height 100 feet. Oz. 25c; lb. \$2.50.

**Melaleuca.** One of the commonly called Bottle Bushes and closely related to Callistemons, which see. Fine dwarf varieties. Mixed pkt. 10c.

**Photia Arbutifolia.** California Holly. Pkt. 25c.

**P. Glabra.** Similar to above. Pkt. 25c.

**Pittosporums.** There are about fifteen species growing in California and all are very useful ornamental shrubs and trees, some are very large growing stately trees while others are small shrubs. All are evergreens and are well worth growing.

**Pittosporum-Tenuifolium.** A shrub or small tree of about 30 feet, compact growth. Pkt. 10c.

**Pinus canariensis.** "Canary Island Pine." Very robust and healthy, with bright green foliage. Grows nearly as fast as the "Monterey Pine." Height 100 feet. Oz. 35c; lb. \$3.50.

**P. Coulteri** (Macrocarpa). "Big Cone Pine." A fine native tree, of very robust growth, with bluish gray leaves a foot in length. Has the largest cone of all pines. Height 100 feet. Oz. 40c; lb. \$4.

**P. insignis.** "Monterey Pine." Has very rapid growth and succeeds well in any kind of soil. Height 100 feet. Oz. 25c; lb. \$2.50.

**P. maritima.** "Seaside Pine." Well adapted for planting near the sea. Oz. 15c; lb. \$1.50.

**P. strobus.** "Weymouth or White Pine." A stately, straight and valuable tree. Height 100 feet. Oz. 40c; lb. \$4.

**P. ponderosa.** "Yellow Pine." A native variety found in the Coast range at a high altitude. An immense tree, specimens having been found 300 feet high and 15 feet in diameter. The bark is very thick and of a red brown color. Height 250 feet. Oz. 30c; lb. \$2.

**P. Torreyana.** One of the most beautiful of our native pines. A fine specimen may be seen in cultivation in the Hotel Green grounds at Pasadena. Height 50 feet. Oz. 40c; lb. \$4.

**Genista Canariensis.** Canary Island Broom. A fine yellow flowered shrub. Pkt. 25c.

**Genista Monosperma.** (Bridal Veil). A new flowering broom and when in flower is a grand sight, being a mass of white. Pkt. 15c.

**Genista Andreana.** The Crimson and Gold Broom. A charming new variety of the Broom family, forming a handsome bush. The wings of each flower are rich crimson, and the standards golden yellow, the contrast being most effective and pleasing. A good proportion of the seedlings come true. Pkt. 15c.

**Schinus molle.** "Mexican Pepper Tree." A well-known handsome shade tree, with light feathery foliage, and bright scarlet berries. Height 50 feet. Oz. 10c; lb. \$1.

**Schinus Terebinthifolia** (New). A new variety of the Pepper Tree. Very ornamental, with striking large clusters of red berries. More ornamental than the old variety. Pkt. 15c; oz. 30c.

**Scindopyxis verticillata.** "Japan Umbrella Pine." Curious and remarkable. Leaves are a dark glossy green, crowded into whorls at the joints or horizontal branches. Very ornamental. Height 60 ft. Oz. 75c; lb. \$7.50.

**Sequoia gigantea.** "California Big Tree." The biggest of all trees, and probably the most long lived. Specimens are often found 400 feet high. Oz. 75c; lb. \$7.50.

**C. sempervirens.** "California Redwood." Well known. Wood reddish, soft,

close grained, easily split, light and brittle, but very durable. It luxuriates in the cool dampness of sea fogs. Height 300 feet. Oz. 50c; lb. \$5.

**Thuja compacta.** "Compact Arbor Vitae." Handsome dwarf variety, compact, globular form. Height 5 feet. Oz. 35c; lb. \$3.50.

**T. aurea semper-aurea.** "Ever Golden Arbor Vitae." Dwarf habit and free growth. Retains its golden color the year round. One of the prettiest dwarf evergreens. Height 4 feet. Oz. 40c; lb. \$4.

**T. occidentalis.** "American Arbor Vitae" or "White Cedar." A common and well-known tree. Native of the Atlantic states. Height 50 feet. Oz. 30c.

**T. orientalis.** "Chinese Arbor Vitae." A small elegant tree, peculiar for its flattened branches, which are dense and light green in color. Oz. 25c.

**Viburnum tinus.** "Laurustinus." One of the finest winter flowering shrubs, blooming abundantly during the winter. Also a valuable hedge plant. Oz. 15c.

**Arizona Ash.** (Fraxinus Velutina.) One of the grandest deciduous trees grown on the Coast, of very rapid and systematic growth, erect in habit and recommended as a street tree—or forest covering—stands the desert climate best of any species yet tried. Magnificent large specimens are found in Imperial Valley and around Phoenix. Also valuable as a timber and lumber tree, being easily worked. Pkt. 10c; oz. 25c; lb. \$3.00.

**Solanum erectum.** (S. Betaceum.) Guatemala Tree Tomato. A handsome evergreen of good form, and bearing yellow fruits the size of an egg, with a pleasant sub-acid flavor. Pkt. 25c; oz. \$3.

## PALM AND OTHER DECORATIVE PLANTS

**Chamaerops canariensis.** A handsome palm worthy of cultivation, either for lawn or for pot culture. Per 10 seeds 15c; 100, \$1.

**C. excelsa.** "Hardy Fan Palm." This palm grows to the height of from 20 to 30 feet; leaves fan-shaped; trunk enclosed by dense mass of rough fibres. Native of the East Indies. Oz. 10c; lb. \$1.

**C. humilis.** "Dwarf Fan Palm." An extremely handsome plant. Native of Southern Europe. Oz. 20c; lb. \$2.

**Cocos.** An elegant genus of a noble order, many species of which grow to majestic proportions.

**C. australis.** "Brazilian Palm." One of the hardest of all palms, harder than even the Date Palm; withstanding, unprotected, a cold at which oranges or lemons are injured or destroyed. Per 15 seeds 30c; 100 \$1.50.

**C. Campestris.** A hardy, handsome variety, well suited for open air planting; is one of the most desirable of pinnate-leaved palms. Per 10 seeds 25c; 100 \$2.

**C. plumosa.** This species attains considerable size, rising upon a stout straight column-like stem some 40 or more feet. Fine, drooping bunches of waxy flowers, which are succeeded by quantities of orange-colored nuts enclosed in an edible pulp; in size about as large as a chestnut. Leaves pinnate. Native of Brazil; does well out of doors in this climate. Per 10 seeds 20c; per 100 \$1.50.

**Corypha australis** (Livingstonia australis). A stately Fan Palm with slender trunk; from East Australia. Hardy in Southern California; several fine specimens may be seen in Los Angeles. Per 10 seeds 20c; 100 seeds \$1.50.

**Erythra armata** (Brahea glauca). "Blue Palm." One of the most elegant Fan Palms, from the islands off Lower California. Leaves glaucous blue. Hardy. Per 10 seeds 25c; per 100 \$2.

**E. edulis** (Brahea edulis). A fine growing variety from the Guadalupe Islands. Fan-shaped leaves, bright green. Hardy. Per 10 seeds 15c; per 100 75c.

**Phoenix Canariensis.** An elegant and most hardy variety of the date palm, much used around Los Angeles for lawns. Very handsome and durable. 10 seeds 10c; per 100 50c.

**P. dactylifera.** The Date Palm; is an erect, handsome palm. Native of Northern Africa and Tropical Asia, where the palm attains a height of 80 feet. Lives to a great age, and yields the date fruit of commerce; hardy. Oz. 10c; per lb. 50c.

**P. reclinata.** A very fine, large-growing species; leaves pinnate. Largely used in Nice, Cannes, and in the south of France for avenues; also the best for that purpose here, as it will stand severe frosts. A native of the Cape of Good Hope. 10 seeds 15c; per 100 \$1.

**P. rupicola.** This is one of the most exquisitely graceful palms and in elegance takes a similar place to that of Cocos Weddelliana. It is of aculeate habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. 10 seeds 25c; per 100 \$1.25.

**P. tenuis.** This is a very hardy, elegant, and desirable variety of Date Palm, with long, bright sea-green leaves; much used for lawn planting. 10 seeds 15c; per 100 \$1.

**Phoenix Cycadifolia.** One of the finest of the dates. Imported seeds. Pkt. 25c; \$1 for 100 seeds.

**Seafortia elegans.** One of the most beautiful of the palm family, and one of the finest subjects in cultivation for the conservatory, greenhouse or subtropical garden. Height 20 feet. Leaves from 2 to 10 feet in length, dark green. It stands quite a low temperature. Native of New South Wales. 10 seeds 15c; per 100 50c.

**Washingtonia filifera.** The well-known California Fan Palm, which also goes under the names of Pritchardia filamentosa and Brahea filamentosa; very hardy. Per oz. 10c; per lb. \$1.

**W. robusta.** A robust Fan Palm, similar to W. filifera, but much finer and darker green leaves, without threads. Per oz. 20c; per lb. \$1.50.

**Bonaparteia Hystrix and Glauca.** Two fine Agave like plants, each per pkt. 25c.

**Dasyllirean Gracilis.** Similar to above. Pkt. 25c.

**Dracaena australis.** (Cordylinae.) A palm-like tree growing to a considerable height; the stem is stout, leaves from 2 to 3 feet in length, oblong, lanceolate, and bright green; splendid for avenues. Native of New Zealand. Per pkt. 15c; per oz. 75c.

**D. draco.** Yields the "dragon's blood" resin of commerce. The stem of this species is stout at the base, leaves closely set, 18 inches in length and 2 broad, thick fleshy, dark green, and ending in a long, thin unarmed point. A native of the Canary Islands; hardy. Per 10 seeds 10c; per 100 50c; per 1000 \$4.

**D. indivisa.** (Cordylinae indivisa.) Sometimes called Dracaena stricta. A most graceful palm-like tree, suitable for decoration either in or out of doors. Fine for avenues. Native of New Zealand. Per oz. 35c; per lb. \$3.50.

**Musa ensete.** "Abyssinian Banana." Native of the mountain regions above Abyssinia. This magnificent plant attains a height of 30 feet. The leaves occasionally reaching the size of 20 feet in length, by three feet in breadth. 10 seeds 15c.

The relative cost of all seed is so small compared with the possible crop, that it does not pay to experiment with doubtful seed. Our seeds are the best money can buy. Tell us frankly what you want to grow and for what purpose or market, and we will serve you on our honor—not for your money on one purchase, but we want a customer to be pleased for all time to come.

If you have any unsightly fences, cover with Kentucky Wonder or Improved Scarlet Runner Beans and make this space useful.



## DECIDUOUS TREE AND SHRUB SEEDS

All those varieties quoted at less than 50c per oz. we supply at 10c per pkt.

All those quoted at 50c and upwards, we supply at 15c per pkt.

**Catalpa speciosa.** "Indian Bean Tree."

A rapid-growing tree, good for timber claims. Flowers white and purple. Height 50 feet. Oz. 15c; lb. \$1.50.

**Gleditsia triacanthos.** "Three Thorned or Honey Locust." Hardy and rapid growth. Will form an impenetrable hedge. Seeds should be soaked in boiling water before sowing. Oz. 10c; lb. 50c.

**Lagerstroemia indica.** "Crape Myrtle." A favorite tree in this vicinity; bearing rosel-colored flowers in great profusion. Pkt. 15c.

**Spiraea Sobaria.** (New.) Beautiful and showy blooming plant, growing to 12 feet, closely allied to Bridal Wreath. Pkt. 25c.

**Tamarax Gallica.** A great tree for growing on salt land, or close to sea coast.

**Melia Azederach Speciosa.** "True Texas Umbrella Tree." A very rapid grower, with long pinnate leaves, and wood of a reddish color, resembling ash, durable and makes excellent fuel. Thrives in dry soil. Valuable for avenue planting. Height 40 feet. Oz. 10c; lb. 75c.

**Robinia Pseudo-Acacia.** Yellow or Black Locust. Well known in this section. Valuable for fuel and timber. One of the best trees with which to plant timber claims. Height 60 feet. Oz. 10c; lb. 85c.

**Lonicera Tatarica.** Tree Honeysuckle. A fine shrub. Pkt. 25c.

## FRUIT TREES AND BERRY PLANTS

**Walnuts.** All the finest grades at market prices.

**Plum, Peach, Almond and Apricots** quoted on application.

**Apple Seed.** Lb. \$1. We also have a mixed seed, apple and quince, used by ladies for dressing their hair. Lb. 65c.

**Loquat.** During March and April, only. Lb. 40c.

**Fresh Orange Seed.** During April and May. Price on application.

**Mulberry Cedrona.** A fine new variety from Europe. Pkt. 25c.

**Mulberry Nigra.** Black. Pkt. 25c.

**M. Tartarica.** Large fruited, imported seed. Pkt. 25c.

**Guava Strawberry.** (Psidium Cattleianum). Sow in boxes and transplant when 2 inches high to pots. Pkt. 10c; oz. 30c; lb. \$3.

**Guava Yellow.** A variety of the above with yellow fruit. Oz. 50c; lb. \$5.

**Raspberry.** Finest sorts, mixed. Pkt. 10c; oz. 40c.

## DECORATIVE PLANTS

**Ficus Elastica India Rubber Plant.** Very large, smooth leathery leaves, evergreen foliage; generally esteemed one of the finest house plants grown, the plant attaining a large size and tree-shaped. 75c and \$1 each.

**Ficus Australis; also Macrophylla.** These are two of the finest of all the rubber trees, very hardy, and grow very large. 50c to \$1.50 each.

**Kentia Belmoreana.** This fine palm is a valuable addition to our collection. Its leaves are pinnate, dark green, and so beautifully crisp as to gain for it the name of "Curly Palm." It is very elegant and graceful in habit. Plants in 4 inch pots, 50c each; in 5-inch pots, 75c and \$1 each; in 6-inch pots, \$1.50 each.

We have been actively engaged in this business in California for over 30 years, and this experience is at the service of our customers.

## Hardy Evergreen Trees and Shrubs

### IMPORTANT

No Plants Sent Out C. O. D.

OUR TERMS Are Strictly Cash With Order

**HOW TO ORDER.** Write your name, postoffice, state and express office plainly on every order and every time you write to us. Give plain shipping directions; where none are given us we use our best judgment, but it must be at the customer's expense and risk.

1. Place the quantity wanted before each article.

2. Use one line for each kind ordered.

3. As nearly as possible, make your list in the same order in which the seeds are catalogued, beginning at the front.

4. Kindly use Special Order Sheet for PLANT ORDERS and inquiries and other matters not pertaining to the order on separate sheet.

**Acacia Cultriformis.** Foliage of this variety is triangular in form; color beautiful sea-green; profuse in bloom; of medium-sized growth. A most lovely variety. 35c each.

**Acacia Latifolia.** Resembles the "Me-

**Aracaria Excelsa** (Norfolk Island Pine). One of the handsomest of all trees; pyramidal in form and very symmetrical; hardy in protected locations. Excellent for parlor decorations. \$1 to \$5, according to size.

**Arbor Vitae, Golden.** A very choice shrub. It is of a low, compact growth; foliage beautiful golden-yellow. For lawn adornment it is unsurpassed, the yellow foliage contrasting to perfection with the green lawn. Balled, 1 foot, 50c each; 2 feet, \$1 each.

**Bamboo Mitis.** One of the largest bamboos; it attains a height of 28 to 38 feet. The canes are used extensively for furniture work, water-pipes, etc. Clumps, 50c and 75c each.

**Broom, Scotch, Yellow.** 3 feet, 50c each; \$4 per 10.

**Broom, Spanish.** An upright growing shrub. Flowers yellow, producing very freely in the spring and summer. Pot grown, 2 to 3 feet. 30c each.

**California Big Tree.** Balled, small plants, 50c each; balled, 1½ to 2 feet, \$1 each; balled, 3 feet, \$2.50 each.



A harmonious blending of Palms, Trees and Hardy Bedding Plants

lanoxylon" variety, but leaves are longer, and tree more floriferous. 5 feet, 60c each; \$5 for 10. Smaller plants, 25c each; \$2 per 10.

**Acacia Linearis.** Long feathery foliage, very beautiful. 3 to 4 feet. 50c each.

**Acacia Melanoxylon** (Blackwood Tree). A strong upright growing tree. Very desirable for parks and street ornamentation. 2 to 3 feet, 35c each; \$2 per 10; 3 to 4 feet, 40c each; \$3.50 per 10; 6 to 7 feet, 75c each; \$6 per 10.

**Acacia Mollissima.** A fine erect-growing tree, with glaucous green, feathery foliage; flowers yellow, produced in early spring in great profusion. A rapid-growing tree. 2 to 2½ feet, 35c each; 3 to 4 feet, 60c each.

**Acacia Pycnantha** (Golden Wattle). Leaves long and narrow, flowers in long, solitary axillary spikes. 2 to 3 feet, 35c each; \$3 per 10. Smaller plants, 15c each.

**Acacia Retinoides Florabunda.** Pendulous habit; sea-green foliage; very floriferous and sweet perfumed. 2½ to 3 feet, 35c each; \$3 per 10; 4 feet, 50c each; 6 feet, 75c each.

**Aracaria Bidwelli.** Branches in regular whorls; closely set with spiny, shining, deep-green leaves. Very handsome for the lawn. Thrives well here. 4-inch pots, 75c each; balled, 1½ feet, \$2 each; balled 2½ feet, \$3.50 each.

**California Redwood.** 4 inch pots, 30c each; balled, 1½ feet, 60c each.

**California Live Oak** (Quercus agrifolia). A familiar sight in our California landscapes, which adds so much to its beauty. Pots, 2 to 3 feet, 50c each.

**Camphor Tree.** A fast-growing, very symmetrical, ornamental tree, thriving in the very poorest soil. A native of Japan. Bright green foliage; well adapted for lawn purposes. 4-inch pots, 2 feet, 40c each; 3 feet, 60c each.

**Casuarina, Beef Wood Tree of Australia.** The picture of the Casuarina gives us a good idea of the habit of this beautiful tree. It is eminently adapted for forest planting in California. We particularly commend this tree for this purpose. The Casuarinas are of rapid growth and suit themselves alike to the cold, bleak winds of the ocean or the hot interior valleys. As an ornamental tree, we consider the Casuarina as one of our best evergreen trees. We offer the following varieties. **Equisetifolia**, 5 inch pots, 35c each. **Stricta**, balled, 3 to 4 feet, 35c each. **Suberosa**, 4 inch pots, 35c each.

**Cedar, Deodara—Himalaya Cedar.** Exceedingly handsome, with drooping branches and silvery, green foliage, forming a dense network. Perhaps the grandest of coniferous trees.



Succeeds admirably in warm sections, of very rapid growth. 50c, 75c and \$1 each.

**Cryptomeria Japonica.** The Cryptomeria thrives best in a dry, hot climate; therefore it is just the tree for this State. It is of rapid growth, and is very ornamental as a young tree. 3 inch pots, 20c each; 4 inch pots, 50c each; \$4 per 10.

**Cypress, Lawson.** This California species has great beauty. It is of rather an upright growth; the branches droop gracefully, and the foliage is of a lovely sea-green color. 4 inch pots, 50c each; balled, 1 to 3 feet, 60c each; \$5 per 10.

**Cypress, Monterey.** A native of California, and one of the most desirable of evergreens. Very extensively planted for hedges. Transplanted in boxes. 2 years, 100, \$3; pot grown, 1 foot, 25c each; balled, 2½ to 3 feet, 30c each.

**Diosma Alba, Breath of Heaven.** A handsome little shrub, with heath-like foliage and small, white, star-shaped flowers. The leaves when bruised emit a sweet perfume. 25c, 35c and 50c each.

**Eucalyptus Globulus, Tasmanian Blue Gum.** One of the most useful of all and a very rapid grower. Pot grown 2 to 3 feet, 20c each. Transplanted in boxes, \$1.75 per 100. Ask for special quotations on quantities.

**Eucalyptus Polyanthema.** Pot grown, 2 feet, 20c each.

**Eucalyptus Rostrata, Red Gum.** Transplanted in boxes, \$1.75 per 100. Pot grown, 25c each; \$2 per 10.

**Eucalyptus Viminalis.** Well known and highly esteemed. Pot grown, 25c each, \$2 per 10.

N. B.—A more comprehensive list will be furnished by mail; or for Eucalyptus in flats ask for prices. If interested in Eucalypti planting write for varieties and prices.

**Euonymus, Silver Variegated.** A most beautiful shrub. 20c and 50c each.

**Fabiana Imbricats.** A very pretty, heath-like shrub of erect growth, producing pure white tube-shaped flowers in great profusion; when in bloom it is a most lovely shrub. 25c each.

**Grevillea Robusta, Australian Silk Oak.** A splendid fern-leaved evergreen tree which makes a magnificent pot plant for all sorts of decorative purposes; flowers golden yellow; planted out in this state, it soon forms a magnificent lawn or shade tree. 50c each.

**Holly, European.** A small tree with shining, dark green, thorny leaves somewhat resembling the oak in form; in winter the tree is covered with bright red berries. \$1.50 each.

**Laurel, Sweet Bay.** A very ornamental, upright-growing shrub, with deep, dark green, fragrant leaves and covered in the fall with berries; if properly pruned, one of the handsomest decorative plants. 35c and 50c each.

**Laurustinus.** A well-known winter-flowering shrub of great beauty, producing an abundance of white flowers; well adapted for hedges. 15c, 35c and 50c each.

**Libocedrus Decurrens** (California Incense Cedar) or white cedar. One of our most hardy and ornamental conifers. 1 ft. 6 inch pot, 60c.

**Loquat.** This tree produces a very delicious fruit which ripens in early summer; it comes in clusters and is yellow in color. It is also valuable as an ornamental tree; the leaves are large, crumpled, and olive-green in color. 50c each.

**Ligustrum Japonicum** (Japan Privet). Produces large clusters of white flowers slightly fragrant, followed by purplish blue berries; leaves glossy, leathery, dark green. A large-growing shrub (or small tree). Makes an excellent hedge; stands trimming well. It also makes a very handsome sidewalk tree when trimmed up. 20c and 50c each.

**Magnolia Grandiflora.** A lovely evergreen species with large, leathery bright green leaves that look as if made of wax, 1 foot or 18 inches long

and 4 inches wide; in addition to the beauty of the foliage it bears large fragrant white flowers. 50c, \$1 and \$1.50 each.

**Choisya, Ternata.** One of the most desirable small shrubs on the coast. Very neat in appearance and blooms nearly all the year, which resembles orange blossoms. Highly recommended for lawn or hedge. Much used in Golden Gate Park and elsewhere as an under shrub. 50c each.

**Myrtle, Common.** A dwarf shrub with shining green leaves and fragrant white flowers. 50c each.

**New Zealand Flax.** 50c and \$1 each.

**Oleander.** Double white, double pink. 75c each.

**Olea Frangrans.** A little-known Japanese shrub; desirable on account of its pretty foliage and sweetly fragrant small white flowers. We recommend it as we know it will give satisfaction. 3 feet, \$1 each.

**Pepper Tree.** A most popular shade and ornamental tree, with fine feathery foliage; producing clusters of reddish berries in autumn. 25c, 35c and 50c each.

**Pine, Monterey.** The most desirable pine for shade, and more extensively planted than any other variety in this state. Pot grown, 2 to 2½ feet, 30c each; balled, 3 feet, 50c each; balled, 6 to 7 feet, 75c each, \$6 per 10.

**Pinus Canariensis.** A quick-growing pine with beautiful glaucous foliage. Balled, 3 to 4 feet, 50c each.

**Pittosporum Nigricans.** A very handsome, upright-growing shrub, with silvery light-green leaves and black stems. A good hedge plant, and very ornamental as an individual. 1½ feet, 25c each, \$2 per 10; 2½ feet 30c each, \$2.50 per 10.

**Pittosporum Eugenioides.** A large, upright-growing shrub, with glossy yellowish green leaves; a very effective shrub, and excellent for hedges. 1½ feet, 25c each, \$2 per 10; 2½ feet, 30c each, \$2.50 per 10.

**Pittosporum Undulatum.** Flowers sweetly scented; very desirable. 1½ feet, 35c each.

**Swainsona Grayana, Darling River Pea.** Flowers rose color, produced in sprays of from 12 to 20 flowers each. The individual blooms resembling the flowers of a sweet pea; leaves small, acacia-like; a most desirable ever-blooming plant. 35c to 50c each.

**Swainsona Galegifolia Alba.** This variety has delicate white flowers. 35c each.

**Sweet Bay.** (See Laurel.)

**Thuja Gigantea.** A very ornamental, fast growing California arbor vitae, attaining great size. 25c and \$1.50 each.

**Veronica Imperialis.** The finest of the species. Flowers amaranth. 50c each.

**Veronica Traversii.** A most desirable sort; of dwarf habit; flowers pure white. 25c and 35c each.

**Yew, English.** 50c each.

**Polioetia, "Flor de Pascua."** The pride of Southland at Christmas time. 25c to 50c each.

**Hypericum Moserianum.** Produces long, slender, much branched stems, leafy to the base and all drooping towards the ends; it is marvelously free flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers; blooms continuously the entire season. Strong plants, 35c each.

**Hypericum Patulum, St. John's Wort.** A most desirable shrub; it has single flowers of a buttercup yellow, produces nearly the entire summer, and thrives exceedingly well in dry ground. 35c each.

**Crane Myrtle** (Crimson and White). Words fail to convey an adequate idea of the beauty of this shrub. They succeed best in a warm section and blossom for a long period; the flowers have curiously crimped petals. 3 feet, 50c to 75c each.

**Rhus Cotinus, Purple Fringe, Mist Tree, Smoke Tree.** Various known by

these names; it is much admired; it produces curious fringe or hair-like flowers that cover the plant in summer time; does excellently well in the warm valleys of California. 35c each.

**Snowball.** Produces large, globular pure white flowers in great luxuriance. 2½ feet, 35c each.

**Spiraea, A. Waterer.** A fine new dwarf variety, with dark crimson flowers. 1½ feet, 30c each.

**Spiraea Van Houtte, Bridal Wreath.** Flowers double white; produced along the branches in great profusion. 2½ feet. 50c each.

**Tamarix, African.** The foliage of this shrub is most graceful and feathery; the flowers are spike-shaped and of a pinkish hue. 6 feet, 35c each.

**Texas Umbrella Tree.** A rapid-growing shade tree; peculiarly adapted for sidewalk planting; grows in shape of umbrella; thrives best in warmer sections. 4 to 5 feet, 60c each.

**Walnut, American Black.** 3 to 4 feet, 40c each; \$3.50 per 10.

**Weigelia Rosa.** Elegant shrub from Japan; they produce superb large, trumpet-shaped flowers of a fine rose color. 2 to 3 feet, 35c each.

**PIRCUNIA DIOICA** ("Tree of the Gods"). (Phytolacca.) "Ombu" of the South Americans. One of the most remarkable fast growing trees in existence. The subject in this picture was but two years and six months old, when photographed, and trunk measured 14 inches in diameter at base and some 25 or 30 feet high. Very tropical in its appearance and in every way a remarkable tree for quick show on lawns, or in Tropical Gardening.

Plants 2½-inch pots, 35c each. \$20.00 per 100.

Plants, 6-inch pots, 75c each.

Seed, 10c per packet.

## PALMS AND DRACAENA

### NO PLANTS SENT C. O. D.

**Brabea Edulis.** Unsurpassed, whether grown outside (it is very hardy) or as a pot plant; it has very large fan-shaped leaves of bright green color. 50c, 75c, \$1.25 and \$5 each.

**California Palms, see Washingtonia.**

**Chamaecrops Excelsa, Japanese Fan Palm.** One of the hardiest of the Fan Palms; very desirable for outdoor decoration. 50c to \$1.50 each.

**Cocos Plumosa.** Hardy in some localities, and when grown outside is of rapid growth. No handsomer palm can be found than this. 5-inch pots, \$1 to \$5 each.

**Corypha Australis.** Used chiefly for house decoration, though hardy in some locations. 50c and 75c each.

**Cycas Revoluta.** The wellknown "Sago Palm," so much in demand for inside decoration. 50c, 75c, \$1, \$1.50, \$2 and \$5 each, according to size.

**Dracaena Indivisa.** A fine plant for outdoor planting in California, and much in use for lawns, avenues and parks. The small plants are fine for window decoration. 25c, 50c, 75c, \$1 and \$1.50 each.

**Dracaena Australis, Broad Leaved.** Resembles the preceding, excepting that the leaves are much broader. Most handsome for parlor decoration. Pot-grown, 25c and \$1 each.

**Phoenix Canariensis.** A fine large growing palm, very common about Los Angeles. The most hardy variety. Small plants in 6-in. pots 60c; 2 to 3 ft. plants, balled, \$1.50 each. For large lots ask for quotations.

**Washington Robusta, California Fan Palm.** Very hardy over the state, and in every garden in Southern California. This species holds the foliage well. We have all sizes. 2 ft. \$1.00; 2½ to 3 ft. \$1.50; 3 to 4 ft. \$2. In quantities ask for quotations.



## MISCELLANEOUS FLOWERING AND BEDDING PLANTS

NO PLANTS SENT C. O. D.

Bedding and Border Plants should not be set out much before Feb. 15th, when all danger from frost is over.

**Agapanthus Umbellatus** (Blue African Lily). Extra strong, established plants, 35c each.

**Alternanthera**. Much used for bedding purposes; of low growth; stands clipping well. Ready about April 15th. Yellow and red varieties, 50c per doz.; \$3 per 100.

**Aster, New Branching**. Crimson, laven-



Hydrangea

der, pink and white. Ready about April 15th. 25c per doz.; \$2 per 100.

**Begonia Vernon**. This variety grows about eighteen inches high. The foliage, in the sun, turns deep olive green, shaded and edged with bronze purple; the flowers are bright red in color; magnificently set off by abundant dark foliage. 10c each, \$1 per doz.

**Begonia Erfordii** (Beauty of Erford). It is more dwarf and spreading than Vernon and bears three times as many flowers. The color is a lovely soft pink throughout, which does not fade in the hottest sun. It blooms ten months in the year; grows about twelve inches high, and makes a most beautiful border for Cannas, Geraniums, Scarlet Sage, etc. All ready about April 15th. 10c each; \$1 per doz.

**Begonia, Tuberous-Rooted, Double varieties**, separate colors, 15c each; single varieties, 10c each.

**N. B.**—Tuberous-rooted Begonias are ready from Dec. till the next April and cannot be supplied dormant at any other time.

**Cineraria**. As a winter blooming plant for house culture, or for use for bedding under the shade of large trees, these are invaluable. We offer a fine strain. 25c each; \$2.50 per doz.

**Cosmos**. Crimson, pink, white and yellow. Ready about April 15th. 25c per doz.; \$1.50 per 100.

**Daisies**. Double, all colors. 25c per doz.; \$2.00 per 100.

**Echeveria** (Hen and Chickens). 50c per doz.

**Fuchsias**. Best assorted. 15c each; \$1.50 per doz.

**Gazania Splendens**. Flowers orange-yellow, produced in the greatest abundance in the spring and early summer. For making borders, where there is a lack of water, this plant cannot be beat. 50c per doz.

**Golden Feather**. Ready January to May. 25c per doz.; \$2 per 100.

**Hydrangea Hortensis**. This plant is a most satisfactory one, blooming as it does for such a long period; they succeed admirably when planted in a shady place in the garden. As will be seen from the illustration, it is most prolific in bloom. 25c each; \$2 per 10. Large plants, 50c each.

**Lobelia**. Dwarf blue. 25c per doz.; \$2 per 100.

**Mesembryanthemum**. These are much

used for bedding purposes and planting on banks and hillsides where there is a scarcity of water. They make a gorgeous sight when massed. Perhaps the showiest of them all is the one which produces the large, single, pink flowers. We can also supply plants of the small lavender-colored one, either at 50c per doz.; \$2 per 100.

**Marguerite**. White. 15c each; \$1.25 per doz.

**Marguerite**. Yellow. 15c each; \$1.25 per doz.

**Pansies (Morris & Snow's Prize Strain)**. The plants we offer are grown from seed, obtained from a noted grower in Germany, and include almost every shade of color, exquisitely spotted and blotched, veined, mottled and margined. 50c per doz.

Our Pansy Plants Are Fine

**Pansies**. Good strain; mixed colors; 25c per doz.

**Petunia, Single**. Ready April 15th. 15c each; \$1.50 per doz.

**Primula, Chinese**. Invaluable for winter and early spring flowering. 25c each.

**Salvia Splendens**. Scarlet flowers; continuous bloomers. 10c each; \$1 per doz.

**Sea Pink** (Armeria). Very dwarf, requiring no trimming. Flowers rose pink. 50c per doz.; \$3 per 100.

**Spergula**. Very dwarf; splendid for edging. Square foot, 50c. One square foot would make an edging 25 feet long.

**Stocks (Morris & Snow's Fine Strains)**. In assortment, 25c per doz.; \$2 per 100.

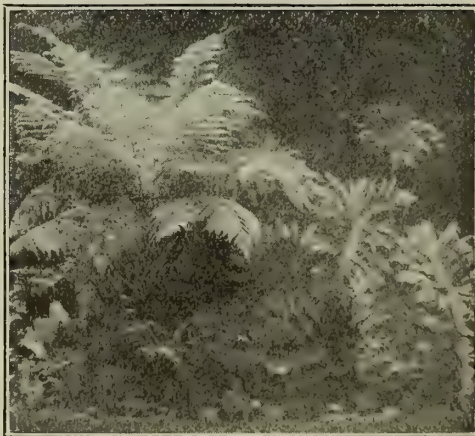
**Verbena, Mammoth**. The flowers are very large, of brilliant colors, and have large, distinct eyes. All colors 10c each; \$1 per doz.

### GERANIUMS

#### IVY-LEAVED VARIETY

Are indispensable for covering banks, fences, etc. They are almost continuously in bloom, and require very little water.

**Chas. Turner**. The handsomest Ivy Geranium ever introduced; flowers 2½ inches, trusses 6 inches across. The color is a deep bright pink, approach-



Assorted Ferns

ing scarlet in color, the upper petals feathered maroon. 75c per doz.

### BEDDING VARIETIES

**Gen. Grant**. A bright and vivid scarlet, one of the best of its color grown. 10c each; 75c doz.

**IMPROVED SHASTA DAISY** ("The Alaska"). An improvement on original Shasta Daisy. The flowers are very large, borne on long stems and very free in bloom. Single white, with yellow center. A most satisfactory perennial. 10c. each; 50c doz.

### FERNS

**Adiantum Cuneatum, Maiden Hair Fern**. In hanging baskets, \$1.50 and \$2 each; in 6-inch pots, 50c each.

**Alsophylla Australis, Australian Tree Fern**. 6-inch pots, 50c each.

**Nephrolepis Bostoniensis, Boston Fern**. 4-inch pots, 35c to 50c each.

**Nephrolepis Exaltata, Sword Fern**. 6-inch pots, 75c each.

**Nephrolepis Elegantissima**. 4-inch pots, 60c each; 6-inch, 75c.

**Nephrolepis Whitmanii**. New. In hanging baskets, \$1.50 each; in 4-inch pots 50c each.

**New Zealand Tree Fern (Dicksonia Antartica)**. We have a fine stock of this popular tree fern \$2.50, \$5, \$7.50, \$10 and \$15 each, according to size.

**Pteris Argyrea**. A sort with silver foliage, 5-inch pots, 75c each.

**Pteris Adiantoides**. 4-inch pots, 50c each.



Marguerite

**Pteris Tremula**. In 5-inch pots, 50c each.

### CLIMBING PLANTS

**Ampelopsis Quinquifolia, Virginia Creeper**. Leaves palmate, handsome and luxuriant, assuming in autumn a gorgeous bronzy hue. 25c and 50c each.

**Ampelopsis Veitchii, Boston or Japan Ivy**. A great improvement on the old Virginia Creeper; fast-growing in the shade or sun. 25c to 50c each.

**Asparagus Plumosus**. The leaves are a bright green, are gracefully arched and are as finely woven as the finest silk mesh, surpassing Maiden Hair Ferns in grace, fineness of texture, and richness of color. 25c, 35c, and 50c each.

**Asparagus Sprengeri**. A variety of recent introduction; it is as a basket plant that this will prove most valuable. 35c and 75c each.

**Bignonia Grandiflora, Trumpet Vine**. Rapid-growing climber, bearing large orange-yellow trumpet-shaped flowers in great profusion. 50c each.

**Bignonia Venusta**. Orange-colored trumpet flower, evergreen. 25c to 50c each.

**Bougainvillea**. These climbers are becoming greater favorites every year. They have peculiarly shaped flowers, somewhat resembling the leaves in shape, the color being of a rosy lake and produced at the end of the branches in wonderful profusion. They are indispensable for the greenhouse and do remarkably well in many protected situations out of doors. Strong plants.

**Spectabilis**. Bright scarlet, \$1.00 each.

**Glabra**. Magenta. 25c to 50c each.

**Sanderiana**. Magenta. 25c to 50c each.

**Lateritia**. Terra Cotta. A most rare variety and quite tender. \$2.50 to \$5.00 each.

**Clematis Montana**. Produces its pure white flowers in early summer; very floriferous and fast-growing. 60c each.

**Clematis Paniculata**. 35c each.

**Clematis**. Large flowering; named sorts. 75c each.

**Ficus Repens**. Creeping Rubber plant. An evergreen climber, clinging to

**Vitis Cavensis**. Evergreen grape. A very attractive climber with shiny bronze leaves. Young plants \$1.00 each.

**Vitis Rupestris**. Similar to above but not such a tall grower. Fine for hanging baskets. Each \$1.00.



wood, stone or brick. A fine plant of deep green, small leaf. 25c each; \$2.50 doz.

**Honeysuckle, Belgium or English.** Red and yellow flowers; long bloomer; very fragrant. 40c each.

**Honeysuckle, Halleana, Hall's Japan Honeysuckle.** A strong, vigorous, evergreen sort, with pure white flowers, changing to yellow; very fragrant; a long and continuous bloomer. 40c each.

**Ivy, English, Large-leaved.** Leaves thick, shining, leathery. 15c and 25c each.

**Ivy, Variegated, Single-leaved.** 50c each  
**Jasmine Officinalis.** Single white. 35c each.

**Jasmine Revolutum.** Yellow flowering. 35c each.

**Muehlenbeckia Complexa, New Zealand Mattress Vine.** This pretty, strong-growing climber and trailer is very desirable for covering old stumps of trees, rock work, etc.; the foliage is small, dense and graceful. 25c each.

**Plumbago Capensis.** Can be trained as a bush or climber; flowers light sky-blue; verberna-shaped, produced throughout the entire summer; stands drought and water and the brightest sunshine. 35c to 50c each.

**Passion Vine.** Pink. 35c to 50c each.

**Passion Vine.** Scarlet. 35c to 50c each.

**Solanum Jasminoides Grandiflora.** A most beautiful climber. Its flowers are star-shaped and borne in good-sized panicles or clusters. 25c each.

**Solanum Wendlandii.** A fine strong climber, with large clusters of blue flowers 1½ inches across and about 1 dozen in clusters. Potted 25c to 50c each.

**Smilax.** 20c each, 3 for 50c.

**Tecoma Jasminoides.** An evergreen climber, with bright glossy foliage; flowers white, with beautiful blotch

of lavender; flowers large, bell-shaped, appearing in clusters. Hardy only in sheltered situations. 4-inch pots, 50c each.

**Tacsonia, Scarlet Passion Vine.** We have this in three varieties—wine, pink and scarlet. We believe this is



BOUGAINVILLEA

the best and most showy climber we have. Very hardy. Tall and robust. 25c to 50c each.

**Wistaria Sinensis.** This is one of our most admired climbers, blooming in the early spring, the flowers appear in long, grape-like clusters of a beautiful lavender color. 75c and \$1.00 each.

**Wistaria Sinensis Alba.** A fine variety with pure white flowers. 75c and \$1.00.

## TROPICAL FRUIT TREES

### IMPORTANT

#### NO PLANTS SENT C. O. D.

All plants should be sent by express, if not too heavy, in this event we can pack for freight. Kindly give routing if to be shipped by freight.

**FRUIT TREES AND SMALL FRUITS**  
Orders Booked Now—Write for Prices on Large Lots.

**Cyphomandra Betacea**—"Tree Tomato" (Solanum).—Fruit large egg shaped, bright orange, and considered by some a delicacy if stewed like tomatoes. 25c to 50c.

**Anona Cherimolia**—"Cirimoya"—"Custard Apple"—A bushy tree, bearing delicious fruits, some weighing as much as two pounds. Now becoming quite common in Southern California. Each 50c.

**Feljoa Sellowiana.** A small tree allied to guava, but more hardy. The fruit greenish, size of an egg—consisting of a delicious pulp, highly perfumed. A very ornamental small tree. \$1.00.

**Persea Gratissima Avacado.** "Ahuacata" or "Alligator Pear," also "Avocatier" of the French Colonies. A handsome shade tree, bearing large, usually pear shaped fruits, with violet or green skin. The firm pulp, seasoned with lemon, pepper and salt, makes the most delicious salad. 50c to \$2.00.

**Casimiroa Edulis**—"The Zapote Blanco" Fruits quite large, apple shaped, of a buttery consistency, deliciously sweet, and sure to be appreciated by everybody. 50c to \$1.00 each.

## FRUIT TREES AND BERRY PLANTS

### APPLES

Price, 4 to 5 feet, 25c each; \$2 per 10.

**Baldwin.** Large, roundish; deep bright red over a yellow ground. Ripe in November and December.

**Gravenstein.** A large striped apple; very good for table.

**Red Astrachan.** Large, roundish; skin deep red; flesh white. Ripe in June and July.

**White Winter Pearmain.** Large, roundish oblong and pale yellow, dotted with brown. Ripe December to February.

**Yellow Bellefleur.** Very long, oblong irregular and tapering towards the eye; skin smooth and of pale yellow color. Ripe November to February.

**Yellow Newton Pippins.** Large; flesh yellow; firm, crisp, juicy, of exceedingly rich flavor. Ripe January to March.

**Jonathan.** A fine late fall variety.

**R. I. Greening.** Fall variety, a good bearer.

### CRAB APPLES

Price same as Apples.

**Red Siberian.** Fruit about an inch in diameter; yellow, with a scarlet streak.

**Yellow Siberian (Golden Beauty).** Large, color beautiful golden yellow.

### PEARS

**Bartlett.** There is no occasion to describe this variety, so well known is it. Ripe in August.

### PRUNES

Price, 4 to 6 feet, 35c each; \$3 per 10.  
**French.** This is the Prune now grown so extensively and successfully for drying purposes.

**Tragedy.** This is the earliest of all Prunes, and earlier than any Plum. Good size; dark purple skin; yellowish green flesh; sweet and very rich.

### PLUMS

Price, 4 to 5 feet, 35c each; \$3 per 10.

**Burbank.** Large, yellowish ground, with red cheeks; flesh yellow, firm, and very sweet when fully ripe.

**Green Gage.** Small, but of the highest excellence; round, greenish yellow, with brown dots; very juicy and sweet. August.

**Blood.** A fine variety for preserves or table.

**Kelsey (Japan).** Very large, heart-shaped, greenish yellow, red cheek on sunny side; flesh very solid and firm; juicy, and with a rich vinous flavor; a small pit. September.

**Yellow Egg.** Very large; a beautiful egg-shaped plum, flesh yellow, rather acid until fully ripe, when it sweetens; clingstone.

### NECTARINES

**Nectarine, Improved Red.** The finest and best bearer.

### QUINCES

Price, 4 to 5 feet, 35c each; \$3 per 10.  
**Apple or Orange.** Large; bright yellow; the best.

**Champion.** Very large; flavor delicate, imparting an exquisite quince taste and odor to any fruit with which it is cooked.

### APRICOTS

Price, 4 to 5 feet, 35c each; \$3 per 10.  
**Peach.** Above medium size; flesh juicy, rich, good.

**Moorpark.** Largest size; rich yellow.  
**Royal.** A fine early variety; popular in many places as a regular bearer.

### PEACHES

Price, one year, 4 to 5 feet, 35c each; \$3 per 10.  
**Alexander.** Most widely grown, being

considered the best early variety; medium to large; greenish white, nearly covered with deep red; flesh firm, juicy and sweet.

**Early Crawford.** This is probably the most extensively grown of all peaches.

**Foster.** Large, yellow, very rich and juicy.

**Muir.** The best of all peaches for drying, because it loses less than any other in the process. Has a delicious, rich buttery, sweet flavor.

**Nichols' Orange Cling.** Large; yellow, with purple cheek; flesh yellow and good.

**Lemon Cling.** An old favorite and a good sure bearer.

**Salway.** A large yellow English peach, with deep yellow flesh; very juicy, melting, and rich. The most valuable late market variety.

**Tuscan Cling.** A very large, fine yellow clingstone; good for shipping or canning; ripens early.

### FIGS

Price, 3 to 4 feet, 40c each; \$3.50 per 10.

**California Black or Million.** A well-known local variety; large dark purple, almost black when fully ripe.

**Callimyrna.** The genuine fig of commerce.

**White Adriatic.** Tree a strong and healthy grower; fruit above medium size; skin white and thin; pulp red, fine, exceedingly aromatic, and changes to an amber color when dried.

**White Pacific.** A very fine sweet variety.

### WALNUTS

**Santa Barbara Soft Shell.** 4 to 5 feet, 50c each; \$4 per 10.

We carry a full assortment of all fruit trees and solicit correspondence if you want other varieties.



## ORANGES

Price, lifted with balls of soil, 4 to 5 feet, \$2 each; \$17.50 per 10.

**Riverside Washington Navel.** Fruit first-class in every respect; size medium to large, oval, smooth, symmetrical, seedless; pulp fine grained, flavor excellent. A solid, perfect fruit.

**Valencia Late.** An orange of remarkably strong-growing habit, and claimed by those fruiting it to be a good bearer; a little later than Mediterranean Sweet, which it resembles very much.

## LEMONS

Price, lifted with balls of soil, 4 to 5 feet, \$2 each; \$17.50 per 10.

**Eureka.** Tree nearly thornless, of rapid growth, and prolific bearer; fruit of the finest quality. A general favorite.

## LIME—MEXICAN

Balled, 3 feet, \$1.50 each.

## POMELOS—GRAPE FRUIT

Price, lifted with balls of soil, 4 to 5 feet, \$2 each.

## ASSORTED SMALL FRUITS

**Currants.** Assorted. 20c each; \$1.75 per 10.

**Gooseberry.** Assorted, 20c each; \$1.50 per 10.

**Blackberries.** Assorted, 50c per 10.

**Raspberries.** Red, 35c per 10.

**Raspberries.** Yellow and black, 15c each; \$1 per 10.

**Strawberries.** Assorted, 25c per 25; 75c per 100.

**Loganberries.** 10c each; 50c per 10.

**Mammoth Blackberry (New).** Each 5c; 50c doz.

**Himalayan Blackberry.** 10c each; \$1.00 doz.

## RHUBARB

**Linnaeus.** Strong roots, 15c each; \$1.50 per doz.

## AUSTRALIAN CRIMSON WINTER

The great value of Rhubarb as a vegetable has always been its earliness, and a vast amount of time and labor have been spent in efforts to originate even a day or two in advance of other early varieties. Australian "Crimson Winter" Rhubarb will produce marketable stalks abundantly, fully six months earlier than any other Rhubarb. Price 15c each; \$1 per doz.

## ARTICHOKE PLANTS

## GREEN GLOBE

A delicious vegetable coming into great favor. The underside of the blossom head is the edible part, and it is ready for use just before the flowers expand. Plants (ready in early spring). Each, 25c, by express only.

## HORSE RADISH SETS

A very profitable crop in many places. Gardeners near any good market can make big money raising this root. Good clean sets. Price, per 50, 50c; 100, 75c, postpaid; 500, \$3.00, by express.

## HOP ROOTS

**Hop Roots.** Plant early. Doz., 30c. By mail, add 5c per doz.

## GRAPES

10c; 3 for 25c; \$5.00 100.

**Black Hamburg.** Medium season, large block. Fine of table.

**Black Morocco.** Berries very large. Green and black. Late.

**Cornichon.** Black. Fine for late market. Good shipper.

**Emperor (Purple).** Very fine late variety, strong grower and heavy bearer.

**Flame Tokay.** Bunches large and showy. Very popular shipping variety.

**Malaga.** White, best table variety. Berries large and fine flavor.

**Muscat.** The great raisin producer, popular throughout the state.

**Sultana.** The Seedless raisin, fine early variety for table.

**Thompson's Seedless.** Similar to above. Popular for early table variety.

**Mission. Black.** The old popular variety, both for table and wine.

**AMERICAN OR EASTERN VARIETIES**  
**Cataba.** Dark coppery red. Fine for arbors.

**Concord.** Large, black grape, bunches compact. Very fine for arbors.

**Isabella.** Black. Very extensively planted. Has fine musky flavor. Valuable for market.

SUMMER FLOWERING  
BULBS

## AMARYLLIS

**Formossissima.** A very fine variety from Mexico; blooms regularly if not disturbed, the flower being a beautiful scarlet. Each 10c; 3 for 25c.

**Johnsonii.** The old favorite and well known fine large bloom and very attractive and showy; flowers often 6 inches across; good sure bloomer if left in garden undisturbed. Each 25c; 5 for \$1.00.

**Bella Donna.** The handsome pure pink, blooming in large clusters, and lasting a long time after cut. Are of most delicate colors in the so-called lily family. Monster bulbs 25c; 5 for \$1. (By express only.)

**Vallota Purpurea (Scarborough Lily).** This is by far the finest bloomer of all the Amaryllis Group. A beautiful deep scarlet—blooming in clusters and is fine as a pot plant. Flowers for a long period. Large bulbs 35c postpaid.

## GLADIOLUS

**Extra Fine Mixed.** Light colors. Kinds used by florists for cutting; finest class procurable. Each 5c; 50c doz.

**Seedling Mixture.** A general mixture of all varieties, many deserving names, and to be distributed under names. Each 5c; 50c doz. New list if needed.

**Gladiolus, America.** By all odds the finest clear pink Gladiolus yet introduced; has very large flower, blooming close and compact on stem and opening in cluster. Each 10c, 4 for 25c, postpaid. (Not later than March).

## TUBEROSES

**Excelsior Pearl.** This is the variety so universally grown by florists for cutting. The best bloomer. Each 5c, 50c doz.; \$2.50 per 100.

This showy flower has become very popular, as it is perhaps the prettiest of summer flowers. They will do better if protected a little from direct rays of noonday sun. They also make fine pot plants.

## TUBEROUS BEGONIA

**Single Sorts.** White, yellow, pink and scarlet. Each 10c; 3 for 25c; 12 for 80c.

**Double Sorts.** White, yellow, scarlet, and pink. Each 15c; 4 for 50c.

**Mixed Colors.** Singles. Each 5c; 50c doz.

**Mixed Colors.** Doubles. Each 10c; \$1.00 doz.

## YELLOW CALLA

**Calla Elliotiana.** The true deep golden yellow, finest of all yellows. Each 50c; 3 for \$1.00.

**Pink Calla.** This is a small bulb and flower is of a pinkish red color, about 1/2 size of the common white Calla. A very pretty little flower. Each 20c, postpaid.

## BIRD SEED

The Canary Seed forms the staple diet of nearly all seed eating birds, and this seed is grown in many different countries, and is of as many grades and qualities as in any other grain, and the best quality is that grown in Spain and Sicily. Unfortunately for many a bird, poor seed and often poisonous seeds are fed them. To keep the bird healthy and in song, it is absolutely necessary that clean wholesome seed be used, and this should be of fresh crop, as old rancid or musty seed is sure to cause trouble. The next two most important seeds are German Millet and German Sweet Rape. This should form about 1-3 of the ration, and likewise are quite important. In fact these three seeds should form the bulk of seed used. The above, with small quantity of Hemp, Maw, Lettuce and Flax completes the seed ration. Hemp should be used very sparingly as much of the troubles of songsters is caused by an excessive use of this seed. It is too fattening and is often the cause of the loss of song. In our Special Mixture we use very little Hemp.

We sell this Fancy Mixture at the same price that you pay for the common stuff you get elsewhere. 1 lb. 10c; 3 for 25c. By mail add 10c per lb. for postage.

**Bird Sand or (Silver Gravel).** 1 lb. 5c. Postage 10c extra.

**Cuttle Bone.** Selected No. 1. Each 5c, postpaid.

**na.** Highly recommended for keeping up the birds and increasing the song. Each 15c.

**Our Prize Bird Mixture.** Try our bird seed. A mixture put up under a formula used by a famous English concern, and has won many prizes. Price 10c lb. 3 lb. box 25c.

## PRICES FOR BIRD SEED

10c per lb. extra for postage

	Per lb.	3 lbs.
Mixed Bird Seed .....	10c	25c
Mixed Canary and Rape..	10c	25c
Canary .....	10c	25c
Hemp .....	10c	25c
Millet, German .....	10c	25c
Rape, German Sweet.....	10c	25c
Maw (Blue Poppy) .....	20c	...
Cuttle Fish Bone .....	45c	...
Rice, unhulled .....	25c	...
Millet, White French.....	15c	...
Sunflower .....	10c	25c

Ask for special prices on larger lots.

## VALUABLE BOOKS

By Mail, Postpaid, to Any Post Office in the United States at the Price Quoted.

**California Fruits and How to Grow Them.** A manual of methods which have yielded greatest success, with lists of varieties best adapted to the different districts. Illustrated. New edition just from the press, \$3.00.

**Asparagus—Its Culture for Home Use and for Market.** Enemies, fungous diseases and every requirement to successful asparagus culture, special emphasis being given to increase the importance of asparagus as a farm and money crop. Cloth, 50c.

**Horticultural Rule Book (Bailey)**—A compendium of useful information. 75c.

**The Forcing Book (Bailey)**—Describes the best forcing houses, and tells what crops may be grown, and how to do the work. \$1.50.

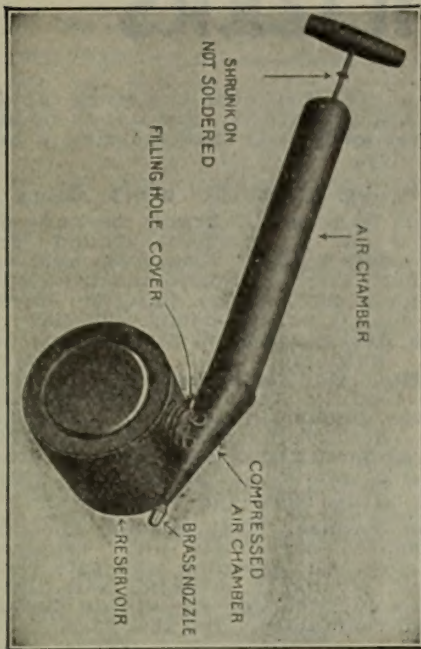
**The Nursery Book (Bailey)**—A complete guide to the multiplication of plants, \$1.75.

**Vegetable Gardening, The Principles of (Bailey).** A highly instructive book. \$1.25.

**The Garden Book of California,** by Belle Sumner Angier. A very concise and valuable book on ornamental gardening, by a very practical writer; \$3.00, postpaid.

**Gardening in California.** Landscape and flower, by John McLaren (Supt. Golden Gate Park, San Francisco). This is the best up-to-date work on landscape gardening for California yet published. Each \$3.75, postpaid.

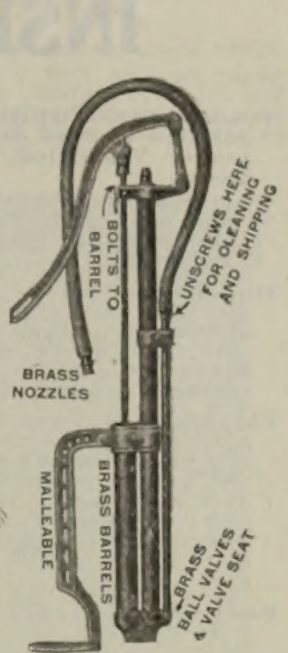
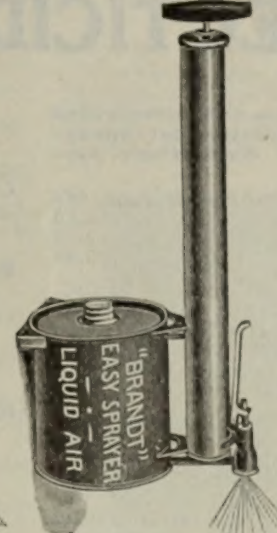
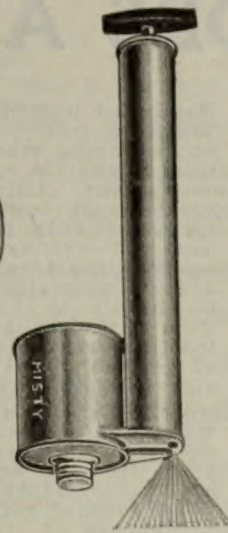




U. T. K. Continuous Sprayer



Kant Klog



Meyer's Bucket Spray Pump

## Garden Requisites

### SPRAYERS AND SPRAY PUMPS

**The Standard Spray Pump.** To be used with bucket, knapsack, tank or barrel, for spraying orchards, whitewash chicken houses, etc. Throws more spray than any other pump. It is a very simple and powerful direct acting force pump. Made entirely of brass. No castings to rust. No lost motion. Nothing to get out of order. With extension rod and extra nose, each \$5.00, or with knapsack \$7.75.

**The Kant Klog.** Compressed air sprayer. After several years of practical tests has proven its merits. Nothing for the price as good. Made of heavy galvanized steel and very strong. With new Kant Klog sprayer, 3 ft. hose and 2 ft. extension rod, \$5.00.

**Bucket Spray Pump.** The Bucket Pump is carefully made throughout with brass cylinders, brass base and rubber valves; all working parts easy to get at. Has special spring attachment for attaching to and detaching from a bucket or vessel in an instant. Each \$3.00.

**Misty Sprayer.** A single action sprayer of heavy tin, made to fill calls for a low cost sprayer to use in gardens, plant houses and for applying stock dips, fly poisons, etc. Not a cheap sprayer but a good sprayer at a low price. Holds one quart. 50c each.

**U. T. K. Compressed Air Sprayer.** Throws a continuous fine mist or spray which is not affected by the movements of the plunger. The sprayer is adapted for all kinds of spraying purposes. It is used very extensively for spraying disinfectants in poultry houses, filling a long felt want for a small sprayer giving a continuous spray. The U. T. K. takes the place of every kind of atomizer or sprayer, doing the work more than five times as fast with less than half the labor. This sprayer works very easily and there are no complicated parts to get out of order. Full directions on each sprayer. Tin, 75c; Galvanized 85c each.



Hippo Non-Kinkable Hose

### GARDEN HOSE

#### HIPPO, NON-KINKABLE

A new brand of hose, manufactured especially for greenhouse use. The inner tube is made of the best quality rubber and is very strong; the jacket is woven in such a way with the outer cover that it is extremely pliable and will not kink or crack. We believe this hose to be superior to the Electric with which most florists are familiar, and have no hesitation in recommending it to all of our customers. Comes in reels of 500 feet; order exact number of feet you require.

**Hippo Hose.**  $\frac{3}{4}$  in. 10 ft. to 50 ft., 19c per ft. 50 ft. to 100 ft. 18c.

**Hippo Hose.**  $\frac{1}{2}$  in. 10 ft. to 50 ft. 18c per ft. 50 ft. or over, 16c per ft.

**Standard Coupling free with 25 feet or over; sample mailed free if desired.**

**Black Rubber.**  $\frac{3}{4}$  inch. A standard grade of hose with good wearing quality. Coupled in 50-foot lengths, \$6.00; 100-foot, \$12.00.

**Hose Clamps.** For  $\frac{3}{4}$  inch hose, each 10c; doz. 75c.

**Hose Mender, The Cooper.** It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. They make your hose as good as new. Last of all, when once used you will never be without them. Price for  $\frac{1}{2}$  or  $\frac{3}{4}$  inch hose, each 10c; dozen, \$1.00.

#### JAPANESE TUBS

So largely used for putting large specimen plants in. Small size, 50c; large size, \$1.50.

#### GARDEN TOOLS

We carry at all times a full line of all tools. Everything needed for the garden or ranch—such as knives, forks, hoes and rakes.

We list some of the leading articles.

**Knives, Pruning—Heavy "Henckel."** Extra quality. Each \$1.25.

**Knives, Pruning—AAA1 Jordan.** Extra quality. Each \$1.25.

**Knives, Heavy Grape Hooks—Each \$1.00.**

**Knives, Budding—We carry all grades and best makes both Jordan and Henckel. Ranging from 75c to \$1.50 each.**

**Saws, Crescent Pruning, 14 inch—75c.**

**Saws, Crescent Pruning, 16 inch—85c.**

**Saws, Straight Blade—Pruning double edge one side coarse and other fine tooth, 85c.**

**Saws—Several styles of the bow saws at 75c to \$1.00 each.**

**Spades, Maynards A1—Long or short handle, \$1.35 each.**

**Spades—Assorted kinds, 75c to \$1.00 each.**

**Spading Forks—Heavy 85c.**

**Shovels—Light, 75c.**

**Shovels—Maynard A1—Socket light or heavy. Irrigating or straight blade, any kind at \$1.35.**

**Rakes, Extra heavy gardeners, straight back, all steel. Each \$1.00.**

**Rakes, Medium heavy gardeners straight back, all steel, 75c.**

**Rakes—In many other styles as bow, cut steel, in all lengths from 12 to 18 inches, from 35c to 85c.**

**Hoes—No. 1—Socket 6 in. 45c; 7 in. 50c.**

**Hoes—No. 1 Plain 4 in. 35c; 5 in. 35c; 6 in. 40c; 7 in. 45c.**

**Shears, Pruning—Henckel's best special, 2 blades, \$3.50 each.**

**Shears, Pruning—California pattern, good shear, \$1.50 each.**

**Shears, Ladies—Small 75c to \$1.00 each.**

**Shears, Telegraph—For pruning in tops of trees. 6 ft. 85c; 8 ft. \$1.00; 10 ft. \$1.10 each.**

### FRENCH WATERING CANS

We keep both French and Improved English Gardeners Long Snout (Two Roses); coarse and fine spray, extra heavy Dairy Tin, steel bottom. From 2 gal. to 4 gal. at from \$1.35 to \$3.50.

### HANGING BASKETS

**Wire Hangers—In all sizes, made of best galvanized wire, and thoroughly wound, in the following sizes—larger sizes made on request:**

Wire Hanging Basket, 8 in. 25c.

Wire Hanging Basket, 10 in. 35c.

Wire Hanging Basket, 12 in. 50c.

Wire Hanging Basket, 14 in. 75c.

Wire Hanging Basket, 16 in. \$1.00.

**Wire Wall Pockets—Made of same material as baskets, but designed for hanging on the wall. 8 in 30c; 10 in. 40c; 12 in. 60c. Larger sizes on order.**

### WOODEN LABELS

	Unpainted	P'td
100	1000	1000
3 1/2 -in. Iron wire tree...	.20	\$1.25 \$1.50
3 1/2 -in. copper wire tree	.30	1.75 2.00
4 -in. Pot Labels....	.15	.75 1.00
5 -in. Pot Labels....	.20	1.00 1.35
6 -in. Pot Labels....	.20	1.20 1.65
8 -in. Pot Labels....	.50	4.00 4.50
12-in. Garden Labels...	.60	6.25 7.00
Moss, Selected Oregon. Per lb.	15c	
Moss, Selected Sphagnum. Per lb.	15c	
bale, \$1.75.		



# INSECTICIDES AND FERTILIZERS

**TO-BAK-INE-LIQUID**—A Concentrated Solution of Pure Nicotine, for Spraying or Vaporizing. Free from Ammonia.

$\frac{1}{4}$  pint can ..... 60c  
 $\frac{1}{2}$  pint can ..... \$1.10  
 1 pint can ..... 2.00  
 1 gallon can ..... 15.00

**Slug-Shot.** Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds; also poultry lice; as effective as Paris green without the danger from poisoning. 5-lb pkg. 50c.

**Tobacco Dust.** The most economical form to use tobacco as an insecticide, fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. 10c per lb.; if by mail, 15c extra.

**Paris Green.** In cans, pure.  $\frac{1}{2}$  lb. 30c; 1 lb. 50c.

**Whale Oil Soap.** A soap made especially for spraying plants infested with scale or lice. lb. can 15c. In 5 gal. cans price on application.

**Fir Tree Oil.** A remedy of merit for green house and house plants, especially for mealy bugs, scale, red spider, black and green aphids, thrips, lice, worms and slugs. Small bottle, 25c;  $\frac{1}{2}$  pint, 50c.

**Bordeaux Mixture.** (Liquid.) Ready for use by simply adding water. 1 gallon will make 50 gallons liquid. 1 quart 50c.

**French Bordeaux Mixture,** in pulp.

Ready for immediate use by dillution. Working freely without clogging in any spraying machine.

Quart cans 50c each by express only.  
**Cow-Content.** A liquid to be rubbed or sprayed on cows to keep the flies away. Highly recommended. Quart cans 50c each by express only.

**Rose Nicotine Lice Powder.** A preparation specially put up for dusting on plants to kill lice and insects. This is the third year we have handled this article and have had the best of results. Small can 25c; medium size 40c; 5lb. bags 75c, by express.

**Kerosene Emulsion.** Used as a summer wash against scale and highly recommended for destroying all kinds of plant life and aphids. Ready for use by simply adding water. 1 qt. makes 10 gallons of spray. Quart cans 50c, by express only.

**Tobacco Extract** (Hammond's). A concentrated extract. To be diluted 30 times or more with water. Highly recommended for cleaning plants of lice, aphids, red spider, etc.  $\frac{1}{2}$  pint 40c, by express only.

**Rose Nicotine** (Thompson's). A most powerful insect destroyer. Used on plants, animals or fowls; also good to clean out earth worms. Small cans 25c each. Postpaid 30c. Full directions on can.

## FERTILIZERS

The value of Commercial Fertilizers to the market gardener cannot be overestimated. Compared with the results secured by the use of Fertilizers, their cost is insignificant. They greatly increase not only the yield, but also

its quality, they push the crops rapidly forward to maturity, getting them into market early, and thus insuring a better price.

### "ROSE GROWER" BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet, gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Per 3 lb. pkg. 25c; 10 lbs. 50c; 100 lbs. \$3.00. Larger quantities priced on application.

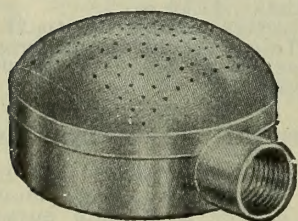
Our Special Lawn Fertilizer see under head "Grass Seed and Fertilizers."

**Sheep Manure.** Fine ground; specially prepared for flower and vegetable garden use; a strong and safe fertilizer, strong in nitrogen and highly recommended for growth in flowers and vegetables. 100 lbs. \$2.25.

### NITRATE OF SODA, OR CHILE SALTPEPER

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must in some way furnish the plants with nitrate. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it. 10c lb., 6 lbs. 25c; \$5.00 per cwt.

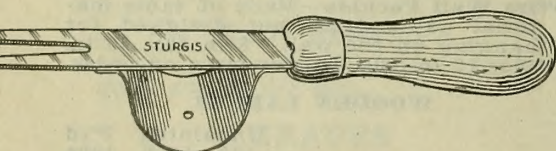
## Lawn and Garden Tools



Square Lawn Sprinkler

**Square Lawn Sprinkler**—For sprinkling the garden or lawn. They make a good even spray. Each 75c.

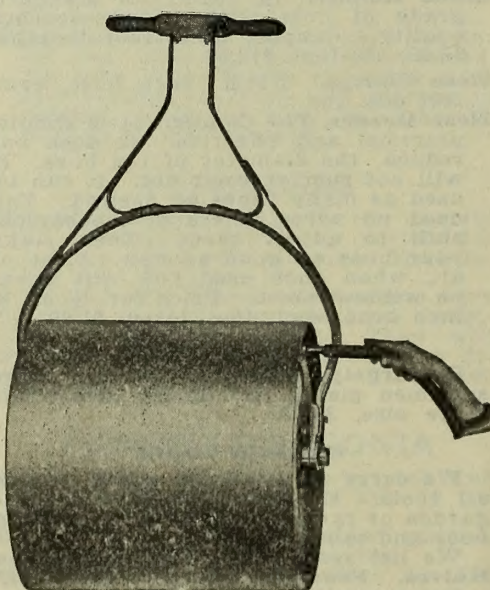
**Boston Rose Sprayer**—For spraying the green-house or plants—fits any  $\frac{1}{2}$  or  $\frac{3}{4}$  universal hose coupling. Each 50c.



Sturgis Lawn Weeder

**Sturgis Lawn Weeder**—A first class tool for weeding lawn. Each 35c.

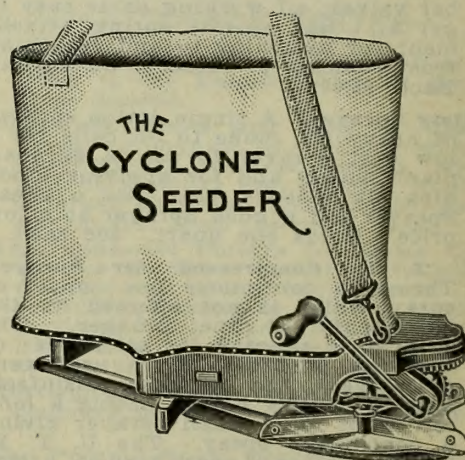
**M. & S. Lawn Weeding Knife**—Made especially for us for weeding lawn. Extra heavy. Each 25c.



Denham Water Ballast Roller

**Denham Water Ballast Roller**—Made of extra heavy sheet steel. Net weight about 125 lbs. and when filled with water weighs about 400 lbs., fine for lawn or tennis court. Each \$17.00.

**Denham Double-section Roller**—Cast in two sections, on shaft, with balanced handle. Weighs 250 lbs. net. \$17.50.



**The Cyclone Seeder**—This seeder is a good cheap one and everyone seeding alfalfa should use something of the kind. This is so graduated that it will sow alfalfa, clover, turnips, millet or even barley or wheat. Each \$1.50 by express.

**Cahoon Seeder**—In every respect a first class seeder—recommended by all that have used them. They are used for sowing alfalfa and like seed. They save the price if one sows any great quantity of seed. Each \$3.50 by express.



# CHRYSANTHEMUMS

Should Not Be Planted  
Before April 1st.

No plants sent out C. O. D.

## CHRYSANTHEMUMS—General List

We can supply all the novelties of value, as well as all the standard varieties, but owing to limited space we list the very best in each collection. General list as following, each 10c, \$1.00 per doz.—your selection—by express.

**Clementine Touse.** A grand Early White. Tinted pink.  
**Amateur Conseil.** Crimson, fine large flower, good keeper.  
**Bessie Evans.** A delicate shade of pink; with fine stem.  
**Chas. Davis.** A light bronze of dwarf habit.  
**Golden Age.** Brightest of yellows. Very showy.  
**Hamilton.** A beautiful, clear silvery pink. Very large.  
**A. J. Balfour.** A beautiful clear pink not extra large.  
**Black Hawk.** A deep dark red.  
**Col. de Appleton.** One of the very finest of yellows—for exhibition flowers.  
**Edgar Saunders.** A dark bronze with broad, incurved petals.  
**Golden Wedding.** Rich, golden yellow, large and a beauty.  
**Gen. Hutton.** An enormous yellow—slightly tinted bronze.  
**Jennie Noun.** Extremely large pure white globe—best of keepers.  
**Lavender Queen.** Very pretty, with pink tint.  
**Mrs. J. A. Miller.** Monster rosy bronze—an all round good sort.  
**Maj. Bonaffon.** Clear incurved yellow; good keeper, very largely grown for florists' trade.

**Mrs. J. E. Dunne.** Salmon terra cotta, very large and fine.

**Winthrop Sargent.** Deep straw color—a grand prize winner.

**Mad. Walbeck Rousseau.** Rosy Crimson. A winner.

**Mrs. Geo. Pullman.** A clear beautiful yellow, very popular.

**Mable Hunter.** Large globular rosy pink. A grand florists' variety, good keeper.

**Mrs. Geo. H. Heume.** Reflexed salmon bronze, center incurved, fine.

**Polly Rose.** Very large pure white; very attractive flower.

**Nellie Pockett.** Creamy white; bell shaped, a grand variety.

**Silver Shield.** Rose pink; large incurved, fragrant and extra good stem.

**T. Carrington.** Rosy-Crimson; very large, a great prize winner.

**Timothy Eaton.** Giant flowered pure white and very double, an old standby.

**Wm. Duckham.** Deep pink; Jap. incurved; a great favorite.

**White Bonaffon.** Incurved white, grand for cutting purposes.

**W. E. Etherington.** A giant light pink, very double, a grand variety.

**Lucy Evans.** Large, pink ball; a good keeper, stand heat well.

**Lillian B. Bird.** Beautiful clear shrimp pink; very large and fine.

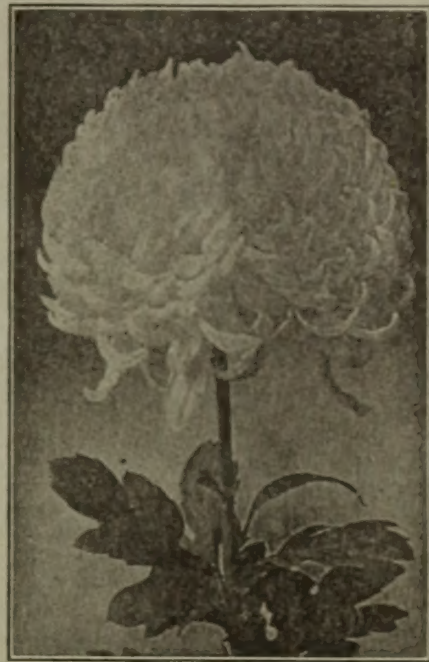
**Lord Hopetown.** A crimson shaded scarlet bronze, a grand variety.

### Special Offer

Any 25 of the above General Collection will be sent express prepaid to any express office in the United States,

for \$2.40 if money accompanies order.

Chrysanthemums will not be ready to send out much before March 1st and are best if not planted too early—good flowers can be had from plants set out as late as June 1st.



## ABBREVIATED LIST OF ROSES

All the following Roses 25c each; \$2.50 per dozen from January 1st to April 1st; after which time we will put up all varieties and price will be 35c each; 3 for \$1.00 except where noted.

**Frau Karl Druschki** (Snow Queen). The finest white rose, with large, full flowers of splendid form. It is marvelous in its beauty in half open bud and in the pure white of the full opened bloom. In a bed of a dozen plants there is seldom a day during the summer when blossoms cannot be cut, and during the spring and fall it blooms in profusion. It is the ideal rose. Strong No. 1 bushes, 35c each, \$3 per 10.

**Caroline Testout.** (Pink.) Beautiful free flowering; bright pink.

**American Beauty.** (Red.) A good deep red. Should be cut down short each season so as to get long new growth.

**Bride.** (Pink.) This is a beautiful rose; is ordinarily classed as white, but is always a light pink in the open.

**Black Prince.** (Dark Crimson.) One of the darkest roses grown; fair bloomer and beautiful.

**Cecil Brunner.** (Pink.) The best of all dwarf baby roses, constant bloomer.

**Duchess de Brabant.** (Pink.) Soft rosy pink; buds are fine; called Duchess everywhere.

**Francisca Kruger.** (Yellow.) Deep coppery yellow; buds are exceedingly fine.

**Gruss an Teplitz.** (Scarlet.) One of the best of its color, always in bloom and always ne—very hardy.

**Kaiserine Augusta Victoria.** (White.) The best pure white for open culture

—large double flowers, long stems, and beautiful.

**La France.** (Pink.) One of the very largest of the pink; an old favorite.

**Laurette.** (Blush White.) One of the best known of the blush colors; very large and double—outside petals tinted and splashed with red.

**Maman Cochet.** (Pink.) The most popular pink rose grown—very large, hardy and constant bloomer.

**Maman Cochet.** (White.) Like the pink form this is the most popular of its color. These two roses are the best and freest bloomers in all the list, hardy and free.

**Mme. Lombard.** (Rose Crimson.) A fine rose and one of the very best; good bloomer.

**Marie van Houtte.** (White, slightly tinted.) This rose is fringed and tinted with yellow; very large, no free bloomer.

**Perle des Jardins.** (Canary.) A vigorous grower, free bloomer, flowers large, very double and fragrant—sometimes shading to orange in center.

**Papa Gontier.** (Rich bright red.) Fine in bud, not very double, but beautiful for bouquets.

**Ragged Robin.** (Gloire de Rosomanes.) Single red; a great favorite.

**Ulrich Bruner.** (Cherry red.) A robust thornless rose, immense cup-shaped flowers. Better than American Beauty for open ground.

### CLIMBING

**Beauty of Glazenwood.** (Connery Salmon.) Also known as Gold of Ophir an old favorite for covering fences or buildings.

**Climbing Wootton.** (Rich red.) One of the best red climbing roses grown, has good foliage, and pretty flowers. A hardy, good variety.

**Cherokee.** (Pure White.) This is the famous single white, used by the thousands for fences, and buildings; blooms in early spring in great profusion.

**Pink Cherokee.** Same as the old white except in color, which is a clear rose pink. Each 35c; 3 for \$1.00.

**Climbing Cecil Brunner.** (Salmon Pink.) This is identical in flowers to the bush variety, but it is a strong, robust climber, flower spikes larger than the bush. This is a fine rose for hedges, fences or pillars.

**Climbing Kaiserin, or Mrs. Robert Peary.** (White.) The most remarkable new rose of recent introduction; it is a sort of that grand variety Kaiserin Augusta Victoria. The flowers are extra large, full, deep and double; they are of excellent substance and are produced on long, stiff stems. It blooms all the year round and it will throw off shoots ten to fifteen feet high in two months.

**Lamarque.** A grand climber and free bloomer; the flowers are very large and double, pure white and sulphur yellow in the middle.

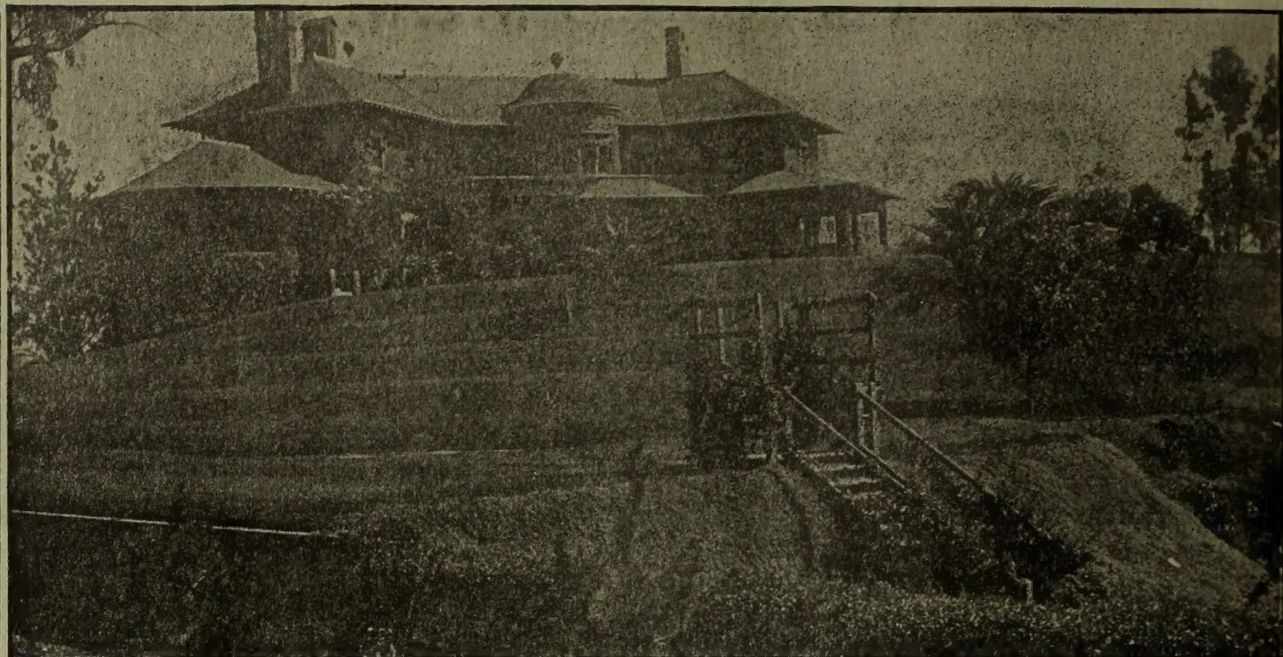
**Marechal Niel.** A choice rose; very double; of a beautiful yellow color; exceedingly fragrant; must be planted in a partially shaded place, as the flowers will not open in the burning sun. Marechal Niel has weak roots until it gets well established.

**Reve. D'Or.** Has been scarce for a number of years and we have only a limited number of them to sell. One of the few yellow climbers that stand the California sun; flowers are large, very double and sweet scented; come in great profusion all the year round.



We will at all times endeavor to furnish the purest stock possible to procure. One of our special studies has been pure grass and clover, and we will watch for the highest quality in this, a important seed.

With all grass seed, postage is extra.



## CLOVER AND GRASS SEED

**Australian Rye Grass.** A fine grass for quick lawn; should be sown very thick and will produce a fine lawn, withstanding drought much better than Kentucky Blue and making sod more quickly, but is a little more coarse in its growth. Lb. 15c. Postage extra.

**White Clover.** The best variety for lawn purposes, making a fine even lawn. There is a great variety of grades of this seed; some adulterations and others impure, which makes a great difference in price. We are procuring at all times the purest that money can buy. Lb. 50c. Ask for special price on quantities. Postage extra.

**Shady Lawn.** A grand grass for sowing under trees, where no other grass will succeed. It makes a beautiful velvety lawn; grows much finer in leaf than Blue Grass and will stand in quite dense shade. Lb. \$1.00, postpaid \$1.10.

**Blue Grass (Kentucky).** What we have just said concerning clover we repeat in connection with this fine grass. To meet competition many have added mixtures to give weight and red- its cost, and thus are able to sell cheaper. We challenge anyone to show finer or cleaner stock than ours. This pure seed, owing to a combination of causes, one the pure-seed agitation, has run the cost of pure seed up to twice what it was worth a year ago; thus its high price. Ask for price on large amounts. Postage extra.

### LAWN FERTILIZERS—High Grade

25 lbs. 75c' 50 lbs. \$1.35; 100 lbs. \$2.50.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. It contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Lawn Fertilizer, and if our Lawn Seed is used there is no excuse for a bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of our Lawn Fertilizer with a little of our Lawn Seed over the thin spots, and the work is done.

**DIRECTIONS FOR USE**—The first application should be made in the Spring, at the rate of 25 pounds of fertilizer to every 1,000 feet of lawn, evenly distributed. For seedin- down a new lawn scatter double the amount, say 50 pounds of fertilizer, broadcast on every 1,000 square feet, and rake it in thoroughly before sowing the seed.

## Hints for Making and Caring for Lawns

The first thing is to have the soil well spaded up and pulverized. On places where soil has been filled in, or places where no crop of any kind has been raised for a number of years, it is advisable to spade up the ground, pulverize it and rake and water regularly, just as if the lawn had been seeded; this will start the seeds of all weeds that have been lying dormant for years, awaiting enough moisture to germinate. If salt grass or devil grass shows up, pull it up, every bit of it. It will save lots of work afterward. If soil contains much devil grass it will pay to cart off the whole surface down to about two feet, and haul good loam in its place. If only ordinary weeds come up, spade them under. Repeat the operation about three weeks afterwards. This will bring the soil in fine condition and save much time and money spent on pulling weeds. Use plenty of good seed. Blue Grass one pound for every 200 square feet; Clover one pound for every 250 square feet. If Blue Grass

and Clover are used, it is advisable to go over the ground twice; once with Blue Grass and once with Clover. This is done in order to have the Blue Grass and Clover seed uniformly spread all over the surface. Rake the seed in well, and cover very lightly with screened manure. Great care should be taken in selecting manure for lawns; the manure most suitable is horse or cow manure that has been piled up and heated at least 60 days before being used on a lawn. When manure is piled up it begins to heat and seeds of any kind that are mixed in, begin to sprout; the manure gradually increases in heat until it gets so hot that any kind of plant or weed mixed in with it, will burn up.

It has been a practice around Los Angeles for teamsters to go to any corral, screen the manure, load it up and sell it for lawn purposes. This accounts for so many lawns where more weeds than grass come up, and especially for lawns where devil grass predominates. Almost all alfalfa fields in this region have devil grass growing in

them. This grass goes to seed about the time alfalfa is high enough to cut; it is fed to the cows mixed with alfalfa, and is in a perfect state of preservation when picked up with the manure and put on the lawns.

In places where the lawn is steep burlap is used to good advantage to cover the ground after sowing. It not only prevents the surface of the ground from drying, but it keeps the seeds from getting washed out by the frequent waterings that have to be given in such places.

Watering a new lawn must be done with great care. A fine Rose nozzle should be used to apply the water and it should always be done in the evening or morning.

Having had for a great many years personal experience in the making of lawns in this vicinity, we appreciate the fact that good seed is absolutely necessary for starting a lawn. Our Blue Grass Seed is the very best grown in Kentucky, where no trace of salt grass is to be found. Our Clover Seed is free from all weeds.